

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF RESEARCH ADMINISTRATION

Date: 23 July 1970

RESEARCH PROJECT INITIATION

Project Title: Cotton Fiber Testing and Evaluation Studies

Project No.: B-1316

Project Director: Dr. J. W. McCarty

Sponsor: Agricultural Commodity Commission for Cotton

Agreement Period: From 1 July 1970 until 30 June 1971

Type Agreement: Letter dated 18 June 1970

Amount: \$22,000

Project Administrator

Dr. George A. King
Executive Secretary
Agricultural Commodity Commission
for Cotton
1021 Baxter Street
Athens, Georgia 30601

Reports Required

Twelve weekly reports - during harvesting
and ginning season
Yearly Summary - at end of season
Others - as generated

Note: Continuation of B-1312

Assigned to: School of Textile Engineering

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GEORGIA INSTITUTE OF TECHNOLOGY

OFFICE OF RESEARCH ADMINISTRATION

RESEARCH PROJECT TERMINATION

Date: 17 Aug 1971

Project Title: Cotton Fiber Testing and Evaluation Studies

Project No: E-27-605 (old B-1316)

Principal Investigator: Dr. J. W. McCarty

Sponsor: Agricultural Commodity Commission for Cotton

Effective Termination Date: 6-30-71

Clearance of Accounting Charges: all funds were spent at 6-30-71.

Expenditures over and above the allowable budget of \$22,000 can be absorbed by the special companion account E-27-601 (old B-1306)

Contract Closeout Items Remaining: Final Invoice

Assigned to: School of Textile Engineering

COPIES TO:

Principal Investigator

School Director

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Terminated Project File No.

Other

8913
9/22
this is the type
report this is each.
week during the ginning
season

GEORGIA INSTITUTE OF TECHNOLOGY
A. FRENCH TEXTILE SCHOOL
ATLANTA, GEORGIA 30332

B-1316

FIBER EVALUATION LABORATORY

EXPLANATION OF GEORGIA WEEKLY COTTON QUALITY REPORT

Beginning with the attached report and continuing throughout the ginning season, the AGRICULTURAL COMMODITY COMMISSION FOR COTTON of the State of Georgia will forward to you each week a summary of information giving details of the quality of cotton grown throughout the state. It is the intention of this report to enable everyone interested in cotton quality to be aware of the current ginnings.

For purposes of securing as wide a coverage as possible, the state has been divided into four areas. These areas were chosen because of the long-time location of the four classing offices of the USDA-C&MS- Cotton Division in these cities (The area now labeled Atlanta-South was formerly called the Moultrie Territory). Within each of these four areas we have selected those counties producing relatively large amounts of cotton to be reported on individually - the remaining counties in the area being grouped together under the heading of "Others". The listings below show the counties contained in each of the four areas:

ATLANTA-NORTH TERRITORY

1. Bartow	13. Taylor	Cherokee	Forsyth	Marion	Spaulding
2. Coweta	14. Terrell	Clarke	Fulton	Monroe	Stephens
3. Floyd	15. Walton	Clayton	Gilmer	Murray	Steward
4. Franklin	16. OTHERS	Cobb	Gwinnett	Muscogee	Talbot
5. Gordon	Banks	Crawford	Habersham	Newton	Towns
6. Hart	Barrow	Dade	Hall	Paulding	Troup
7. Madison	Bibb	Dawson	Haralson	Peach	Union
8. Meriwether	Butts	Dekalb	Harris	Pickens	Upson
9. Jackson	Carroll	Douglas	Heard	Quitman	Walker
10. Oconee	Catoosa	Elbert	Henry	Raburn	Webster
11. Pike	Chatooga	Fannin	Lamar	Randolph	White
12. Polk	Chattahoochee	Fayette	Lumpkin	Rockdale	Whitfield

AUGUSTA TERRITORY

17. Bulloch	26. Toombs	Camden	Greene	McDuffie	Tattnall
18. Burke	27. Washington	Charlton	Hancock	McIntosh	Treutlen
19. Candler	28. OTHERS	Chatham	Jasper	Montgomery	Twiggs
20. Emanuel	Appling	Coffee	Jeff Davis	Oglethorpe	Ware
21. Jefferson	Bacon	Columbia	Jenkins	Pierce	Warren
22. Johnson	Baldwin	Effingham	Jones	Putnam	Wayne
23. Laurens	Brantley	Evans	Liberty	Richmond	Wheeler
24. Morgan	Bryan	Clascock	Lincoln	Taliaferro	Wilkes
25. Screven		Glynn	Long		Wilkinson

VIENNA TERRITORY

29. Bleckley	32. Dooly	34. Pulaski	37. Wilcox	Ben Hill	Schely
30. Crisp	33. Macon	35. Sumter	38. OTHERS	Houston	Telfair
31. Dodge		36. Turner		Lee	

ATLANTA-SOUTH TERRITORY

39. Brooks	43. Irwin	47. Tift	Baker	Cook	Grady
40. Calhoun	44. Mitchell	48. Worth	Berrien	Decatur	Lanier
41. Colquitt	45. Seminole	49. OTHERS	Clay	Doughtery	Lowndes
42. Early	46. Thomas	Atkinson	Clinch	Echols	Miller

PRESSLEY STRENGTH DATA

In this test a small ribbon of fibers is clamped between a pair of jaws and broken in a PRESSLEY TESTER by pulling the jaws apart. These jaws are together ("O" guage) when tightened against the fibers hence the "O" guage designation for this test. The strength readings obtained from this test is converted to a basis shows as Thousand-Pounds-per-Square Inch (MPSI). This calculation is shown as MPSI average for the several samples tested and then the total number of samples are broken down into areas of strength roughly corresponding to the categories listed below:

Below 70 MPSI - very low	77 to 83 MPSI - average	Above 90 MPSI -
70 to 76 MPSI - low	84 to 90 MPSI - high	very high

The weekly report will not only show the average MPSI for the total samples from each county and/or classing territory but will show the percentages falling into each of the above categories.

FIBROGRAPH 2.5% SPAN LENGTH AND LENGTH UNIFORMITY

The Fibrograph is an instrument designed to measure the length of a sample of fibrous material. In this test a thin layer of fibers are combed and held by fine teeth so that their length can be measured electrically. The 2.5% span length is a laboratory measurement of the length that correlates very closely with the Upper Half Mean of the sample. While it should be remembered that this is not the same as the Classer's staple length, it is the nearest measurement from the laboratory that we have to correlate with the classer's call. Mills which use the Fibrograph use the 2.5% span length as they would the classer's length to set their roll spacings. As reported in our weekly quality reports, 1.00 to 1.02 is about equivalent to one-inch staple length; 1.03 to 1.05 about 1-1/32 inch; 1.06 to 1.08 about 1-1/16 inch; 1.09 to 1.11 about 1-1/32 inch; 1.12 to 1.14 about 1-1/8 inch; and, 1.15 and up about 1-5/32 inch or better.

A second reading is also taken using the Fibrograph instrument and the sample prepared for determination of the 2.5% span length. This reading is called the 50% span length reading. By dividing the 50% span length reading by the 2.5% span length reading, a figure called the Length Uniformity of the sample is obtained. A low figure indicates that the sample contains many short fibers while a high figure indicates the absence of excess short fibers. Experience figures used throughout the textile industry and in our reports will be based on the following categories:

Below 42 - very low
42 and 43 - low

44 and 45 - average
46 and 47 - high

Above 47 - very high

COLOR MEASUREMENTS

Color measurements made on the Nickerson-Hunter Colorimeter will be reported this year in terms of Grayness and Yellowness scales designed especially for cotton. These scales consist of a single digit number. The intervals are of sufficient size for marketing cotton and for use in controlling the color or mill mixes. The scales are also easier to understand and explain than the two digit Rd and +b scales reported previously. The Grayness scale ranges from 0 for the brightest samples (no gray) through 9 for the darkest color. The Yellowness scale ranges from 0 for the lightest color (no yellow) to 9 for the yellowest color. In other words, the larger the number reported the darker or yellower the cotton becomes.

FINNESS, GRADE AND STAPLE

On the back side of this report each week will be given a summary of the Smith-Doxey classification results from the four Georgia Offices of the USDA-C&MS, Cotton Division. This information will be furnished to the Fiber Evaluation Laboratory by the Atlanta Office and will be included for your further information regarding the quality of Georgia Cotton. Unfortunately the results here will not cover the same samples as tested in the Atlanta laboratory from the outlying offices. In addition, the information contained in this portion of our report will cover the entire Smith-Doxey classification output whereas the laboratory examination will cover only a portion of the samples classed by the Smith-Doxey offices.

The Fineness reported was determined using an air measurement instrument. This is an instrument which measures the resistance of a small plug of fibers to a uniform air flow. Readings obtained are relative measures of either the weight per length or the cross-sectional size of the fibers. Categories used here are:

Below 3.5 - very low
3.5 to 3.9 - low

4.0 to 4.4 - average
4.5 to 4.9 - high

Above 5.0 - very high

The sections on grade and staple are so well known that we do not feel any explanation necessary.

Project Director

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
 by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 1
 WEEK ENDING SEPTEMBER 16, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
 USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
 COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
 ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)								LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW	
			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%			
DISTRICT 1 ATLANTA NORTH			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%			
1 BARTON	0																								
2 COWETA	0																								
3 FLOYD	0																								
4 FRANKLIN	0																								
5 GORDON	0																								
6 HART	0																								
7 JACKSON	0																								
8 MADISON	0																								
9 MERIWETHER	0																								
10 OCONEE	1	82	0	0	100	0	0	0	1.04	0	0	0	100	0	0	0	0	44	0	0	100	0	0	3.0	4.0
11 PIKE	0																								
12 POLK	0																								
13 TAYLOR	8	83	13	13	38	38	0	0	1.08	0	0	13	25	50	13	0	45	0	13	50	25	13	2.5	4.0	
14 TERRELL	13	81	0	31	62	0	8	0	1.04	15	15	31	23	8	8	0	44	15	31	38	8	8	3.6	3.8	
15 WALTON	1	81	0	0	100	0	0	0	1.05	0	0	0	100	0	0	0	47	0	0	0	100	0	5.0	5.0	
16 OTHERS	2	84	0	0	100	0	0	0	1.10	0	0	0	0	100	0	0	44	0	50	50	0	0	2.5	4.0	
SUMMARY	25	82	4	20	60	12	4	0	1.06	8	8	24	24	28	8	0	44	8	24	44	16	8	3.1	4.0	
DISTRICT 2 AUGUSTA																									
17 BULLOCK	0																								
18 BURKE	0																								
19 CANDLER	0																								
20 EMANUEL	0																								
21 JEFFERSON	0																								
22 JOHNSON	0																								
23 LAURENS	0																								
24 MORGAN	6	83	0	33	17	50	0	0	1.02	17	33	33	17	0	0	0	46	0	17	33	17	33	2.3	4.0	
25 SCREVEN	0																								
26 TOOMBS	0																								
27 WASHINGTON	0																								
28 OTHERS	0																								
SUMMARY	6	83	0	33	17	50	0	0	1.02	17	33	33	17	0	0	0	46	0	17	33	17	33	2.3	4.0	
DISTRICT 3 VIENNA																									
29 BLECKLEY	6	84	0	0	50	33	17	0	1.06	0	17	50	17	0	17	0	42	67	0	33	0	0	2.5	3.2	
30 CRISP	24	83	0	17	42	42	0	0	1.07	0	4	21	42	25	8	0	44	17	29	29	17	8	3.7	3.5	
31 DODGE	0																								
32 DOOLY	6	89	0	0	17	50	17	17	1.07	0	17	17	17	50	0	0	45	17	17	50	0	17	3.5	4.0	
33 MACON	0																								
34 PULASKI	11	84	0	9	36	55	0	0	1.10	0	0	18	27	27	9	18	44	36	18	36	0	9	2.5	3.0	
35 SUMTER	13	83	8	15	46	15	15	0	1.07	0	8	23	38	31	0	0	44	8	54	23	15	0	4.0	4.1	
36 TURNER	13	81	0	38	38	23	0	0	1.04	15	23	23	38	0	0	0	43	46	23	23	0	8	4.5	3.9	
37 WILCOX	6	86	0	0	50	33	17	0	1.07	0	0	33	50	0	17	0	43	50	17	17	17	0	4.3	4.5	
38 OTHERS	29	82	3	24	38	31	3	0	1.08	0	7	14	24	38	17	0	43	24	34	31	10	0	4.9	3.6	
SUMMARY	108	83	2	18	40	34	5	1	1.07	2	8	21	32	25	9	2	43	28	29	30	9	5	4.0	3.6	
DISTRICT 4 ATLANTA SOUTH																									
39 BROOKS	0																								
40 CALHOUN	12	82	0	17	67	17	0	0	1.08	0	0	25	33	33	8	0	44	25	25	25	17	8	3.3	3.9	
41 COLQUITT	73	80	15	29	34	19	3	0	1.05	11	14	30	27	11	5	1	43	38	22	29	7	4	4.9	3.8	
42 EARLY	16	85	0	6	25	63	6	0	1.04	38	19	6	0	25	13	0	45	6	25	44	19	6	3.8	4.3	
43 IRWIN	15	82	7	20	47	27	0	0	1.06	0	27	7	47	13	7	0	43	33	33	20	13	0	4.3	4.1	
44 MITCHELL	12	81	0	33	67	0	0	0	1.06	25	8	0	25	25	17	0	42	50	25	17	8	0	4.3	3.8	
45 SEMINOLE	20	85	0	5	30	60	0	5	1.04	15	25	35	10	5	10	0	43	35	20	25	15	5	4.1	4.4	
46 THOMAS	8	80	0	50	50	0	0	0	1.08	0	0	25	25	38	13	0	43	25	50	13	0	13	5.8	4.1	
47 TIFT	45	80	7	29	58	7	0	0	1.05	2	9	33	40	13	2	0	43	38	27	24	11	0	5.1	4.0	
48 WORTH	24	81	4	29	54	13	0	0	1.05	0	8	42	42	8	0	0	43	17	33	46	4	0	4.7	3.3	
49 OTHERS	25	85	0	8	44	36	12	0	1.04	8	12	36	40	4	0	0	43	16	56	24	0	4	4.0	4.2	
SUMMARY	250	82	6	23	45	23	2	0	1.05	9	13	28	30	14	6	0	43	31	29	28	9	3	4.6	3.9	
STATE SUMMARY		389	82	5	22	44	26	3	1	1.06	7	12	26	30	17	7	1	43	28	29	30	10	4	4.3	3.9

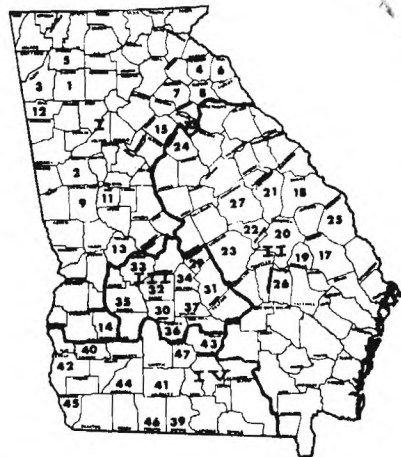
KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING SEPTEMBER 11, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	-	-	83	14	3
II. AUGUSTA	-	-	-	-	85	13	1
III. VIENNA	-----Insufficient samples for Reporting -----						
IV. ATLANTA -South	----- Combined with Atlanta, North -----						
AVERAGE	-	-	-	-	84	14	2



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY - STATE OF GEORGIA

Quality Designation:		: Atlanta, Ga. :		Augusta, Ga. :		Vienna, Ga.	
GRADE		Week	Season	Week	Season	Week	Season
		Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
WHITE:							
21 SM & ABOVE		*	*	2	2		
30 MID PLUS		-	-	-	-		
31 MID		*	1	4	5		
40 SLM PLUS		-	-	-	-		
41 SLM		14	19	27	27		
50 LM PLUS		-	-	-	-		
51 LM		10	10	21	19		
60 SGO PLUS & LOWER		1	1	1	1		
LIGHT SPOTTED:							
22 SM		-	-	*	*		
32 MID		3	2	1	3		
42 SLM		31	29	38	36		
52 LM		25	23	5	6		
SPOTTED:							
23 SM		-	-	-	-		
33 MID		-	-	-	-		
43 SLM		4	3	1	1		
53 LM		8	8	-	*		
TG & YS(14-54 & 15-35)							
LIGHT GRAY (16-46)		*	*	-	-		
GRAY (17-47)		-	-	-	-		
BELOW GRADE (81-87)		3	3	*	*		
GRADE INDEX 1/		85.0	85.6	89.6	89.7		
GRASS 2/		7.2	7.0	4.4	6.0		
STAPLE							
31 (31/32") & SHORTER		1	1	-	-		
32 (1 INCH)		19	17	*	*		
33 (1-1/32")		66	64	34	36		
34 (1-1/16")		14	18	61	59		
35 (1-3/32")		-	-	5	5		
36 (1-1/8") & LONGER		-	-	-	-		
AVERAGE LENGTH 3/		32.9	33.0	33.7	33.7		
SAMPLES CLASSED - WEEK		2,177		2,291			
SEASON :		2,531		2,706			

Inadequate Samples for Reporting Purposes

Insufficient Samples for Reporting Purposes

* Less than one-half of one percent. 1/ Middling White is 100
2/ Cotton reduced in grade due to grass. 3/ 32nd of an inch.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 2
WEEK ENDING SEPTEMBER 23, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.						LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON					
		AVE., MPsi	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW	
DISTRICT 1 ATLANTA NORTH			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%			
1 BARTON	0																								
2 COWETA	0																								
3 FLOYD	0																								
4 FRANKLIN	0																								
5 GORDON	0																								
6 HART	1	96	0	0	0	0	0	0100	1.09	0	0	0	0	0100	0	0	46	0	0	0	0100	0	3.0	3.0	
7 JACKSON	0																								
8 MADISON	2	91	0	0	0	0	0	0100	0	1.03	0	50	50	0	0	0	0	43	0	50	50	0	0	1.5	4.0
9 MERIWETHER	0																								
10 OCONEE	14	86	0	7	21	64	7	0	1.04	14	14	21	36	14	0	0	46	0	0	43	29	29	2.6	4.1	
11 PIKE	0																								
12 POLK	0																								
13 TAYLOR	9	86	0	11	33	33	11	11	1.06	11	0	22	33	22	11	0	44	22	22	22	22	11	3.2	4.0	
14 TERRELL	22	81	9	23	55	9	5	0	1.05	9	23	23	36	5	5	0	44	9	18	50	14	9	4.1	4.0	
15 WALTON	22	86	0	5	32	45	18	0	1.06	5	9	18	41	18	9	0	43	32	32	27	9	0	2.9	4.0	
16 OTHERS	20	85	0	10	30	55	5	0	1.02	35	15	25	20	5	0	0	45	0	20	40	25	15	2.4	4.5	
SUMMARY	90	85	2	11	34	39	11	2	1.04	14	14	22	32	12	4	0	45	12	20	38	19	11	3.1	4.1	
DISTRICT 2 AUGUSTA																									
17 BULLOCK	24	87	0	0	25	50	17	8	1.04	8	25	33	13	17	4	0	45	8	33	25	21	13	3.3	3.9	
18 BURKE	19	86	0	11	21	47	16	5	1.05	11	11	32	37	5	5	0	42	42	26	21	11	0	3.4	3.9	
19 CANDLER	15	86	0	0	33	53	7	7	1.04	20	7	27	47	0	0	0	42	67	0	27	7	0	4.3	3.8	
20 EMANUEL	15	86	0	13	20	53	7	7	1.06	0	13	33	40	7	7	0	42	53	20	20	0	7	3.7	3.5	
21 JEFFERSON	24	87	0	4	21	46	25	4	1.05	8	4	33	29	21	4	0	43	33	21	21	17	8	3.3	4.0	
22 JOHNSON	22	86	0	0	41	36	18	5	1.04	14	14	36	27	9	0	0	43	45	9	36	5	5	3.5	4.0	
23 LAURENS	34	86	0	3	29	47	18	3	1.03	32	15	26	15	9	3	0	43	29	38	18	15	0	3.7	4.1	
24 MORGAN	34	87	0	3	29	41	26	0	1.03	26	9	35	12	15	3	0	44	24	26	35	12	3	3.1	4.4	
25 SCREVEN	8	87	0	0	25	38	25	13	1.04	13	25	38	13	13	0	0	42	63	13	25	0	0	4.0	4.0	
26 TOOMBS	25	85	4	12	20	44	20	0	1.04	12	20	24	40	4	0	0	42	52	32	12	4	0	4.2	4.0	
27 WASHINGTON	22	86	0	5	41	27	23	5	1.04	9	32	14	32	14	0	0	42	64	14	9	9	5	3.3	4.1	
28 OTHERS	54	87	0	2	30	39	26	4	1.05	13	7	31	33	7	4	4	42	44	24	28	2	2	3.6	3.9	
SUMMARY	296	86	0	4	28	43	20	4	1.04	15	14	30	27	10	3	1	43	41	24	24	9	3	3.6	4.0	
DISTRICT 3 VIENNA																									
29 BLECKLEY	10	84	0	10	50	30	10	0	1.02	30	40	20	10	0	0	0	44	0	20	70	0	10	2.9	3.6	
30 CRISP	3	79	33	33	0	33	0	0	1.03	33	0	0	67	0	0	0	44	0	33	67	0	0	4.0	3.7	
31 DODGE	15	83	7	13	47	20	13	0	1.02	27	20	27	27	0	0	0	45	7	27	27	33	7	4.3	4.3	
32 DOOLY	35	87	0	9	34	17	34	6	1.08	3	3	6	34	40	9	6	45	3	14	43	34	6	3.2	4.0	
33 MACON	0																								
34 PULASKI	21	84	0	14	48	24	10	5	1.09	0	14	10	33	19	5	19	43	29	29	24	19	0	2.4	3.4	
35 SUMTER	1	80	0	0	100	0	0	0	1.07	0	0	0	100	0	0	0	43	0	100	0	0	0	3.0	4.0	
36 TURNER	3	80	0	33	67	0	0	0	1.07	0	0	0	67	33	0	0	43	33	0	67	0	0	3.7	4.0	
37 WILCOX	2	83	0	0	50	50	0	0	1.10	0	0	0	50	50	0	0	45	50	0	0	0	50	3.5	3.5	
38 OTHERS	8	82	13	13	38	25	13	0	1.06	0	0	50	38	13	0	0	42	63	13	25	0	0	4.4	4.0	
SUMMARY	98	85	3	12	42	21	18	3	1.06	9	11	14	34	21	4	6	44	15	20	38	21	5	3.3	3.9	
DISTRICT 4 ATLANTA SOUTH																									
39 BROOKS	0																								
40 CALHOUN	13	86	0	0	46	38	15	0	1.11	0	0	8	23	15	38	15	43	38	46	8	0	8	3.4	3.5	
41 COLQUITT	64	80	13	36	36	16	0	0	1.04	17	19	30	22	11	2	0	43	44	27	17	6	6	4.9	4.3	
42 EARLY	21	82	14	10	43	33	0	0	1.03	29	19	19	24	10	0	0	43	33	19	33	10	5	3.9	4.1	
43 IRWIN	15	84	0	13	47	27	13	0	1.03	7	20	53	20	0	0	0	44	13	33	20	20	13	3.9	4.1	
44 MITCHELL	10	83	0	30	30	40	0	0	1.03	20	30	30	20	0	0	0	43	50	20	10	10	10	4.4	4.3	
45 SEMINOLE	9	86	0	11	0	67	22	0	1.05	0	11	22	67	0	0	0	41	67	22	0	11	0	3.8	4.7	
46 THOMAS	16	81	6	44	25	19	6	0	1.07	0	0	19	44	25	13	0	43	25	38	25	13	0	4.4	3.8	
47 TIFT	24	82	4	13	67	13	4	0	1.04	13	17	38	21	8	4	0	43	33	33	21	8	4	5.1	4.3	
48 WORTH	20	84	0	10	55	25	10	0	1.04	15	10	30	30	15	0	0	44	25	10	35	20	10	4.6	3.9	
49 OTHERS	7	81	14	14	57	14	0	0	0.98	57	29	14	0	0	0	0	44	14	14	29	43	0	3.0	4.1	
SUMMARY	199	82	7	22	42	24	5	0	1.04	15	16	28	26	10	5	1	43	36	27	21	11	6	4.4	4.1	
STATE SUMMARY		683	85	3	11	35	34	14	2	1.05	14	14	26	28	12	4	1	43	32	24	27	13	5	3.7	4.0

KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING SEPTEMBER 18, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	*	-	80	17	3
II. AUGUSTA	-	-	-	*	87	10	3
III. VIENNA	-	-	-	1	91	7	1
IV. ATLANTA -South	----Included with Atlanta, North above-----						
AVERAGE	-	-	-	*	86	11	3



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY, STATE OF GEORGIA

Quality Designation:		: Atlanta, Ga. :		Augusta, Ga. :		Vienna, Ga.	
GRADE		Week	Season	Week	Season	Week	Season
		Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
<u>WHITE:</u>							
21 SM & ABOVE	:	*	*	:	*	1	-
30 MID PLUS	:	-	-	:	-	-	-
31 MID	:	3	3	:	8	7	5
40 SLM PLUS	:	1	*	:	*	*	-
41 SLM	:	24	23	:	34	31	44
50 LM PLUS	:	1	*	:	1	1	*
51 LM	:	12	11	:	10	13	12
60 SGO PLUS & LOWER	:	1	1	:	1	1	1
<u>LIGHT SPOTTED:</u>							
22 SM	:	*	*	:	-	*	*
32 MID	:	3	3	:	3	3	1
42 SLM	:	21	24	:	30	32	27
52 LM	:	21	21	:	10	9	9
<u>SPOTTED:</u>							
23 SM	:	-	-	:	-	-	-
33 MID	:	*	*	:	*	*	-
43 SLM	:	2	3	:	2	1	*
53 LM	:	7	7	:	-	*	1
TG & YS(14-54 & 15-35)	:	*	*	:	-	-	-
LIGHT GRAY (16-46)	:	-	*	:	*	*	*
GRAY (17-47)	:	-	-	:	-	-	-
BELOW GRADE (81-87)	:	3	3	:	*	*	1
GRADE INDEX 1/	:	86.5	86.2	:	90.2	90.1	90.1
GRASS 2/	:	7.7	7.5	:	7.7	7.1	5.5
<u>STAPLE</u>							
31 (31/32") & SHORTER	:	1	1	:	-	-	-
32 (1 INCH)	:	20	19	:	*	*	10
33 (1-1/32")	:	65	65	:	58	51	41
34 (1-1/16")	:	14	15	:	41	47	39
35 (1-3/32")	:	*	*	:	1	2	9
36 (1-1/8") & LONGER	:	-	-	:	-	-	1
AVERAGE LENGTH 3/	:	32.9	33.0	:	33.4	33.5	33.5
SAMPLES CLASSED 4/WEEK	:	6,090		:	4,782		4,441
SEASON	:		8,621	:		7,488	5,309

* Less than One-half of one percent. 1/ Middling White is 100.

2/ Cotton reduced in grade due to grass. 3/ 32nd of an inch.

4/ Vienna Seasonal Office opened September 14, 1970. Samples classed prior to that date included in totals but were actually classed in Atlanta

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 3

WEEK ENDING SEPTEMBER 30, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON				
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW	
			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%			
DISTRICT 1 ATLANTA NORTH			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%			
1 BARTOW	8	87	0	0	25	50	13	13	1.10	0	0	0	25	50	13	13	41	75	13	13	0	0	2.6	3.8	
2 COWETA	0																								
3 FLOYD	1	78	0	100	0	0	0	0	1.02	0	0	100	0	0	0	0	40	100	0	0	0	0	4.0	6.0	
4 FRANKLIN	0																								
5 GORDON	0																								
6 HART	3	88	0	33	0	33	0	33	1.10	0	0	0	33	33	33	0	44	33	0	33	33	0	1.3	3.7	
7 JACKSON	1	86	0	0	0	100	0	0	1.09	0	0	0	0	100	0	0	39	100	0	0	0	0	3.0	4.0	
8 MADISON	9	87	0	11	22	33	22	11	1.10	0	0	11	22	11	33	22	44	44	0	11	22	22	2.9	4.0	
9 MERIWETHER	0																								
10 O'CONNOR	18	89	0	6	6	50	33	6	1.08	0	0	17	33	50	0	0	43	39	22	22	11	6	2.6	3.6	
11 PIKE	2	82	0	0	100	0	0	0	1.08	0	0	50	0	50	0	0	42	50	50	0	0	0	3.0	4.0	
12 POLK	3	87	0	0	33	33	33	0	1.11	0	0	0	33	0	67	0	41	67	33	0	0	0	2.0	3.7	
13 TAYLOR	18	84	0	17	44	28	11	0	1.10	6	0	6	11	44	22	11	42	39	39	17	6	0	2.4	3.7	
14 TERRELL	27	82	4	22	41	26	7	0	1.07	4	4	19	41	22	7	4	42	63	11	15	7	4	3.6	3.6	
15 WALTON	29	85	0	7	34	45	10	3	1.08	7	7	17	21	14	31	3	43	38	21	34	7	0	2.6	3.6	
16 OTHERS	30	85	0	10	27	60	3	0	1.08	7	7	7	40	17	13	10	42	53	20	10	7	10	2.2	3.8	
SUMMARY	149	85	1	12	30	42	12	3	1.08	4	3	13	29	27	17	7	42	50	19	18	8	5	2.7	3.7	
DISTRICT 2 AUGUSTA																									
17 BULLOCK	21	87	0	0	24	52	19	5	1.04	14	14	33	19	10	10	0	44	19	29	29	19	5	4.3	3.7	
18 BURKE	24	89	0	4	8	50	29	8	1.05	4	21	33	33	4	4	0	42	58	13	17	8	4	3.3	4.1	
19 CANDLER	8	85	0	0	50	50	0	0	1.06	0	13	13	63	13	0	0	42	38	25	38	0	0	4.4	4.1	
20 EMANUEL	15	87	0	7	27	47	20	0	1.04	7	27	27	40	0	0	0	44	27	7	40	20	7	3.8	3.9	
21 JEFFERSON	25	87	0	4	20	44	28	4	1.05	8	8	28	36	20	0	0	43	36	32	20	4	8	3.6	3.8	
22 JOHNSON	10	88	0	0	10	70	20	0	1.03	20	20	40	20	0	0	0	44	20	20	50	10	0	3.6	4.0	
23 LAURENS	17	86	0	6	41	41	12	0	1.03	6	47	12	18	18	0	0	43	35	18	35	12	0	4.2	3.9	
24 MORGAN	42	88	0	0	17	40	38	5	1.04	17	12	29	24	12	7	0	42	45	24	19	12	0	2.9	4.0	
25 SCREVEN	11	87	0	0	27	55	18	0	1.04	0	27	36	27	9	0	0	45	36	9	0	45	9	3.1	3.9	
26 TOOMBS	8	85	0	0	50	38	0	13	1.02	25	25	38	13	0	0	0	43	50	0	25	25	0	4.0	4.0	
27 WASHINGTON	7	89	0	0	0	57	43	0	1.04	14	29	14	29	14	0	0	44	29	29	14	0	29	3.4	3.9	
28 OTHERS	32	87	0	6	22	34	38	0	1.04	3	19	50	22	3	3	0	43	38	28	16	9	9	3.5	3.9	
SUMMARY	220	87	0	3	22	45	26	3	1.04	10	20	31	27	9	3	0	43	38	21	23	13	5	3.6	3.9	
DISTRICT 3 VIENNA																									
29 BLECKLEY	15	84	0	13	33	47	7	0	1.07	0	13	13	53	7	13	0	43	40	33	20	7	0	3.3	3.7	
30 CRISP	27	84	0	7	56	30	4	4	1.08	7	0	11	37	26	15	4	44	15	15	37	33	0	3.7	3.4	
31 DODGE	5	84	0	20	20	60	0	0	1.09	0	0	0	20	80	0	0	46	0	0	40	40	20	3.0	3.6	
32 DODDLY	71	87	0	4	17	52	21	6	1.12	0	0	4	14	24	27	31	43	20	28	37	15	0	3.1	3.5	
33 MACON	3	84	0	33	0	67	0	0	1.09	0	0	33	0	33	33	0	44	0	33	67	0	0	2.7	4.0	
34 PULASKI	37	85	0	11	27	46	16	0	1.10	3	5	11	8	27	35	11	43	32	35	22	11	0	2.8	3.5	
35 SUMTER	15	84	0	13	47	40	0	0	1.07	0	13	13	33	33	7	0	42	47	27	20	7	0	3.1	3.7	
36 TURNER	18	81	6	22	56	17	0	0	1.04	0	22	44	22	11	0	0	43	33	28	28	11	0	4.7	3.8	
37 WILCOX	7	85	0	0	43	43	14	0	1.09	0	0	0	43	43	14	0	41	71	14	14	0	0	3.9	3.6	
38 OTHERS	14	83	0	7	64	14	14	0	1.08	0	0	21	36	36	0	7	45	14	7	43	36	0	4.1	3.6	
SUMMARY	212	85	0	9	34	42	12	2	1.09	1	5	12	23	26	19	13	43	26	25	31	17	0	3.4	3.6	
DISTRICT 4 ATLANTA SOUTH																									
39 BROOKS	2	82	0	50	0	50	0	0	1.08	0	50	0	0	0	0	50	44	0	50	50	0	0	4.5	4.5	
40 CALHOUN	17	86	0	18	12	53	18	0	1.10	0	0	6	18	47	29	0	41	65	12	6	18	0	3.1	3.3	
41 COLQUITT	66	80	3	44	35	15	2	2	1.06	0	15	26	29	21	8	2	41	68	12	15	5	0	4.6	3.7	
42 EARLY	18	85	0	6	33	56	6	0	1.05	17	0	28	39	11	6	0	42	50	17	28	6	0	3.8	3.8	
43 IRWIN	4	83	0	0	75	25	0	0	1.05	0	25	0	50	25	0	0	42	50	25	25	0	0	5.8	4.3	
44 MITCHELL	14	84	7	7	29	50	7	0	1.06	7	14	14	21	36	0	7	42	64	14	21	0	0	4.1	3.9	
45 SEMINOLE	9	82	11	22	44	11	11	0	1.08	0	11	0	44	44	0	0	41	89	11	0	0	0	3.6	4.2	
46 THOMAS	9	81	0	33	44	22	0	0	1.09	0	0	11	11	78	0	0	42	56	11	33	0	0	3.8	3.3	
47 TIFT	15	81	0	33	47	13	7	0	1.06	7	0	33	40	13	7	0	41	67	13	13	0	7	4.8	3.9	
48 WORTH	20	83	5	20	50	15	10	0	1.07	0	5	35	20	30	10	0	41	70	10	10	10	0	5.0	3.9	
49 OTHERS	9	79	11	33	44	11	0	0	1.04	0	22	56	22	0	0	0	39	89	11	0	0	0	3.8	3.9	
SUMMARY	183	82	3	28	37	26	5	1	1.07	3	10	23	28	27	8	2	41	66	13	15	5	1	4.3	3.8	
STATE SUMMARY		764	85	1	13	30	39	15	2	1.07	5	10	21	27	21	12	5	43	44	20	23	11	3	3.5	3.8

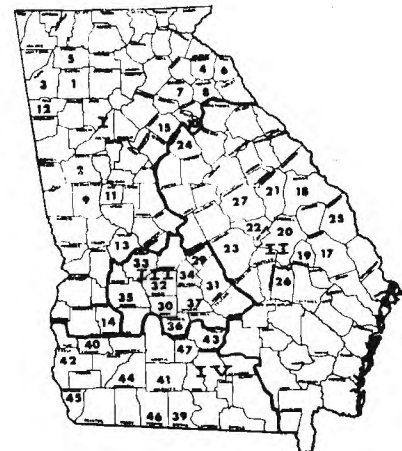
KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING SEPTEMBER 25, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	-	-	71	20	9
II. AUGUSTA	-	-	*	1	82	13	6
III. VIENNA	-	-	-	*	94	5	1
IV. ATLANTA -South	-----Included in Atlanta, North above -----						
AVERAGE	-	-	-	-	82	13	5



QUALITY OF COTTON CLASSED UNDER SMITH - DOXEY, STATE OF GEORGIA

Quality Designation:		: Atlanta, Ga. :		: Augusta, Ga. :		: Vienna, Ga. :		
GRADE		: Week	Season :	: Week	Season :	: Week	Season	
		: Pct.	Pct. :	: Pct.	Pct. :	: Pct.	Pct.	
WHITE:		:	:	:	:	:	:	
21 SM & ABOVE	:	2	1 :	-	* :	*	*	
30 MID PLUS	:	*	* :	-	- :	-	-	
31 MID	:	4	3 :	4	5 :	2	3	
40 SLM PLUS	:	*	* :	-	* :	1	1	
41 SLM	:	26	26 :	27	29 :	33	35	
50 LM PLUS	:	2	1 :	*	* :	1	1	
51 LM	:	11	11 :	12	13 :	14	14	
60 SGO PLUS & LOWER	:	2	1 :	1	1 :	1	1	
LIGHT SPOTTED:		:	:	:	:	:	:	
22 SM	:	*	* :	*	* :	-	*	
32 MID	:	2	2 :	3	3 :	2	2	
42 SLM	:	19	22 :	38	35 :	26	27	
52 LM	:	17	19 :	12	11 :	15	13	
SPOTTED:		:	:	:	:	:	:	
23 SM	:	-	- :	-	- :	-	-	
33 MID	:	*	* :	-	* :	-	-	
43 SLM	:	3	3 :	1	1 :	2	2	
53 LM	:	7	7 :	2	1 :	3	2	
TG & YS(14-54 & 15-35)		:	:	:	:	:	:	
LIGHT GRAY (16-46)		:	:	:	:	:	:	
GRAY (17-47)		:	:	:	:	:	:	
BELOW GRADE (81-87)		:	:	:	:	:	:	
GRADE INDEX 1/		:	86.8	86.5 :	88.9	89.4 :	88.5	88.9
GRASS 2/		:	8.9	8.2 :	8.9	8.1 :	4.0	4.7
STAPLE		:	:	:	:	:	:	
31 (31/32") & SHORTER	:	1	1 :	*	* :	*	*	
32 (1 INCH)	:	18	19 :	2	1 :	15	13	
33 (1-1/32")	:	57	59 :	67	60 :	37	39	
34 (1-1/16")	:	23	20 :	30	38 :	39	39	
35 (1-3/32")	:	1	1 :	1	1 :	9	9	
36 (1-1/8") & LONGER	:	-	- :	-	- :	-	*	
AVERAGE LENGTH 3/		:	33.1	33.0 :	33.3	33.4 :	33.4	33.4
SAMPLES CLASSED 4/		:	:	:	:	:	:	
WEEK		:	9,007	:	9,217	:	9,228	
SEASON		:	17,628	:	16,705	:	14,537	

*Less than one-half of one percent. 1/ Middling White is 100.
2/ Cotton reduced in grade due to grass. 3/ 32nd of an inch.
4/ Vienna Seasonal Office opened September 14, 1970. Samples classed prior to that date included in totals but were classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 4
WEEK ENDING OCTOBER 7, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
DISTRICT 1 ATLANTA NORTH			%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
1 BARTOW	28	85	0	14	36	36	7	7	1.06	0	7	32	25	36	0	0	44	4	21	54	21	0	2.8	4.0
2 COWETA	0																							
3 FLOYD	2	85	0	0	50	50	0	0	1.05	0	0	50	50	0	0	0	42	50	50	0	0	0	2.5	3.5
4 FRANKLIN	1	82	0	0	100	0	0	0	1.11	0	0	0	0	100	0	0	44	0	0	100	0	0	2.0	5.0
5 GORDON	3	87	0	0	33	33	33	0	1.09	0	0	0	33	67	0	0	44	0	67	33	0	0	2.0	3.3
6 HART	2	89	0	0	0	50	50	0	1.06	0	0	50	50	0	0	0	44	50	0	0	50	0	2.0	4.0
7 JACKSON	2	80	0	50	50	0	0	0	1.06	0	0	50	50	0	0	0	45	0	0	100	0	0	3.0	4.0
8 MADISON	3	87	0	0	33	67	0	0	1.11	0	0	0	33	33	0	33	45	0	33	33	33	0	2.7	4.7
9 MERIWETHER	2	85	0	0	50	50	0	0	1.03	0	0	0	100	0	0	0	44	0	50	50	0	0	1.5	3.5
10 OCONEE	10	84	0	20	30	40	10	0	1.05	0	10	50	30	10	0	0	44	20	20	50	10	0	2.5	3.4
11 PIKE	7	83	14	14	29	29	14	0	1.07	0	0	29	43	14	14	0	45	14	14	43	29	0	2.7	3.3
12 POLK	6	83	0	50	0	17	33	0	1.07	0	0	33	33	33	0	0	43	17	67	17	0	0	2.8	4.2
13 TAYLOR	13	82	8	15	46	15	15	0	1.07	0	8	8	54	23	8	0	43	15	77	8	0	0	3.3	4.1
14 TERRELL	17	81	0	35	41	24	0	0	1.05	12	18	29	29	12	0	0	43	18	47	24	12	0	3.8	3.7
15 WALTON	23	85	0	13	48	26	9	4	1.07	4	4	9	52	26	4	0	43	48	9	30	9	4	2.6	3.4
16 OTHERS	25	83	4	12	60	16	8	0	1.05	8	16	24	20	24	8	0	44	16	28	44	12	0	2.6	3.6
SUMMARY	144	84	2	17	42	27	10	2	1.06	3	8	26	34	24	3	1	44	19	31	37	13	1	2.8	3.7
DISTRICT 2 AUGUSTA																								
17 BULLOCK	18	84	0	17	39	28	17	0	1.03	22	22	28	28	0	0	0	44	28	22	33	11	6	4.5	4.1
18 BURKE	38	85	0	18	26	42	11	3	1.05	11	13	29	32	16	0	0	44	11	42	32	11	5	3.3	3.7
19 CANDLER	9	84	0	11	33	44	11	0	1.04	11	0	67	22	0	0	0	42	67	22	11	0	0	3.9	3.6
20 EMANUEL	15	83	7	0	67	20	7	0	1.00	47	33	7	7	7	0	0	43	27	33	40	0	0	3.7	3.7
21 JEFFERSON	32	84	0	16	31	41	13	0	1.02	31	22	28	16	3	0	0	44	28	19	34	19	0	3.3	3.9
22 JOHNSON	17	83	0	29	41	18	12	0	1.02	18	35	24	12	12	0	0	43	29	35	35	0	0	3.6	4.2
23 LAURENS	25	85	0	4	44	36	16	0	1.03	20	28	20	28	4	0	0	44	8	20	52	8	12	3.6	3.8
24 MORGAN	26	87	0	4	27	42	19	8	1.03	35	27	15	0	15	4	4	43	23	31	46	0	0	2.9	3.9
25 SCREVEN	11	86	0	18	9	55	9	9	1.05	9	27	18	27	9	9	0	44	18	27	36	18	0	4.1	3.7
26 TOOMBS	6	84	0	0	67	33	0	0	1.03	17	33	17	33	0	0	0	43	67	0	0	33	0	4.0	4.2
27 WASHINGTON	17	85	0	6	53	24	18	0	1.03	24	18	35	18	0	6	0	43	24	35	29	12	0	3.7	4.1
28 OTHERS	43	83	0	23	40	33	5	0	1.02	26	21	26	21	5	0	0	43	23	40	26	12	0	3.4	3.8
SUMMARY	257	84	0	14	37	35	12	2	1.03	24	23	25	20	7	1	0	43	24	30	34	10	2	3.5	3.9
DISTRICT 3 VIENNA																								
29 BLECKLEY	13	84	0	15	31	54	0	0	1.05	0	38	23	15	8	15	0	42	38	38	15	8	0	4.0	3.3
30 CRISP	25	82	0	32	40	24	4	0	1.06	0	12	24	52	8	4	0	43	28	28	36	4	4	4.2	3.5
31 DODGE	13	83	15	15	15	54	0	0	1.05	0	15	46	23	0	8	8	44	15	23	38	23	0	3.8	4.2
32 DOOLY	80	85	0	5	41	40	13	1	1.10	0	3	8	20	28	34	9	44	16	23	45	14	3	3.3	3.6
33 MACON	3	85	0	33	0	33	33	0	1.01	0	67	33	0	0	0	0	44	0	67	33	0	0	3.3	4.3
34 PULASKI	16	82	6	13	44	31	6	0	1.07	0	0	25	25	38	13	0	44	13	13	56	13	6	3.0	3.6
35 SUMTER	22	83	0	9	64	23	5	0	1.04	14	23	18	32	9	5	0	43	27	32	18	9	14	3.3	3.6
36 TURNER	17	83	0	12	59	29	0	0	1.04	18	18	29	29	6	0	0	43	24	47	12	18	0	5.2	4.1
37 WILCOX	8	84	0	13	38	50	0	0	1.03	25	38	13	13	0	13	0	42	38	25	38	0	0	4.3	4.0
38 OTHERS	8	84	0	13	50	25	13	0	1.08	0	0	25	38	13	25	0	44	0	38	25	38	0	4.5	4.5
SUMMARY	205	84	1	12	42	36	7	0	1.07	4	12	19	26	17	18	4	44	20	28	36	13	3	3.7	3.7
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	1	83	0	0	100	0	0	0	1.04	0	0	100	0	0	0	0	42	0	100	0	0	0	8.0	4.0
40 CALHOUN	15	83	0	7	67	20	7	0	1.07	0	13	13	40	27	7	0	42	47	40	13	0	0	3.7	3.5
41 COLQUITT	32	82	3	22	56	16	3	0	1.05	9	16	28	34	9	3	0	42	44	34	19	3	0	5.0	3.7
42 EARLY	13	84	0	8	54	38	0	0	1.06	15	15	15	15	23	15	0	43	38	23	31	8	0	4.2	3.8
43 IRWIN	6	85	0	17	17	67	0	0	1.01	50	17	17	17	0	0	0	44	17	50	33	0	0	4.8	3.8
44 MITCHELL	9	80	11	44	33	11	0	0	1.04	11	22	33	22	11	0	0	42	67	33	0	0	0	5.4	4.6
45 SEMINOLF	0																							
46 THOMAS	6	78	0	50	50	0	0	0	1.07	0	0	33	50	17	0	0	44	0	33	67	0	0	5.0	4.5
47 TIFT	3	84	0	0	67	33	0	0	1.05	0	33	0	33	33	0	0	45	0	33	33	33	0	5.7	4.3
48 WORTH	6	82	17	0	50	33	0	0	1.06	0	0	50	17	33	0	0	43	50	0	50	0	0	4.8	3.7
49 OTHERS	3	83	0	0	67	33	0	0	1.01	33	33	33	0	0	0	0	42	67	33	0	0	0	3.3	3.7
SUMMARY	94	82	3	18	53	23	2	0	1.05	11	15	26	29	16	4	0	42	40	33	23	3	0	4.7	3.9
STATE SUMMARY	700	84	1	15	42	32	9	1	1.05	12	16	23	26	15	7	1	43	24	30	34	10	2	3.6	3.8

KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING OCTOBER 2, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	*	*	82	15	3
II. AUGUSTA	-	-	-	*	76	20	4
III. VIENNA	-	-	-	-	95	4	1
IV. ATLANTA -South	-----Included in ATLANTA, NORTH above-----						
AVERAGE	-	-	-	*	84	13	3



QUALITY OF COTTON CLASSED UNDER SMITH - DOXEY ACT - STATE OF GEORGIA

Quality Designation:	: Atlanta, Ga. :		: Augusta, Ga. :		: Vienna, Ga. :	
GRADE	: Week	: Season	: Week	: Season	: Week	: Season
	: Pct.	: Pct.	: Pct.	: Pct.	: Pct.	: Pct.
WHITE:	:	:	:	:	:	:
21 SM & ABOVE	: 2	: 1	: *	: *	: *	: *
30 MID PLUS	: -	: *	: -	: -	: -	: -
31 MID	: 6	: 4	: 4	: 5	: 2	: 3
40 SLM PLUS	: *	: *	: *	: *	: -	: *
41 SLM	: 30	: 28	: 23	: 27	: 4	: 40
50 LM PLUS	: 2	: 1	: 1	: *	: -	: 1
51 LM	: 11	: 11	: 13	: 13	: 11	: 17
60 SGO PLUS & LOWER	: 2	: 2	: 2	: 1	: 1	: 1
LIGHT SPOTTED:	:	:	:	:	:	:
22 SM & ABOVE	: *	: *	: *	: *	: -	: *
32 MID	: 2	: 2	: 3	: 3	: 1	: 1
42 SLM	: 17	: 19	: 34	: 34	: 17	: 22
52 LM	: 17	: 18	: 15	: 12	: 11	: 12
SPOTTED:	:	:	:	:	:	:
23 SM	: -	: -	: -	: -	: -	: -
33 MID	: *	: *	: *	: *	: -	: -
43 SLM	: 2	: 3	: 2	: 2	: *	: 1
53 LM	: 5	: 6	: 2	: 2	: 1	: 2
TG & YS (14-54 & 15-35)	: -	: *	: *	: *	: *	: *
LIGHT GRAY (16-46)	: -	: *	: *	: *	: *	: *
GRAY (17-47)	: *	: *	: -	: -	: -	: -
BELOW GRADE (81-87)	: 4	: 4	: 1	: *	: *	: *
GRADE INDEX 1/	: 87.5	: 86.9	: 87.9	: 88.9	: 89.3	: 89.1
GRASS 2/	: 11.1	: 9.4	: 10.0	: 8.8	: 2.7	: 3.8
STAPLE	:	:	:	:	:	:
31 (31/32") & SHORTER	: 1	: 1	: *	: *	: -	: *
32 (1 INCH)	: 9	: 15	: 3	: 2	: 5	: 9
33 (1-1/32")	: 51	: 57	: 59	: 59	: 28	: 34
34 (1-1/16")	: 34	: 25	: 35	: 37	: 43	: 41
35 (1-3/32")	: 4	: 2	: 3	: 2	: 24	: 16
36 (1-1/8") & LONGER	: 1	: *	: -	: -	: *	: *
AVERAGE LENGTH 3/	: 33.3	: 33.1	: 33.4	: 33.4	: 33.9	: 33.6
SAMPLES CLASSED 4/	:	:	:	:	:	:
WEEK	: 11,584	:	: 9,706	:	: 11,703	:
SEASON	:	: 29,212	:	: 26,411	:	: 26,240

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ 32nd of an inch. 4/ The Vienna Seasonal Office opened September 14, 1970. Samples classed prior to this date are included in total shown but were actually classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

Al Becker
al Camp

GEORGIA WEEKLY COTTON QUALITY REPORT

B-1316

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 5
WEEK ENDING OCTOBER 14, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)								LENGTH UNIFORMITY 50/2.5 RATIO						COLOR OF RAW COTTON	
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
DISTRICT 1 ATLANTA NORTH			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%		
1 BARTOW	12	87	0	8	8	50	33	0	1.08	0	0	17	42	25	17	0	43	25	25	42	8	0	3.0	3.5
2 COWETA	3	83	0	33	33	0	33	0	1.09	0	0	0	67	33	0	0	44	0	33	67	0	0	2.7	3.7
3 FLOYD	1	82	0	0	100	0	0	0	1.10	0	0	0	0	100	0	0	40	100	0	0	0	0	3.0	4.0
4 FRANKLIN	0																							
5 GORDON	0																							
6 HART	6	90	0	0	17	17	50	17	1.10	0	0	0	33	33	33	0	44	0	33	67	0	0	2.2	3.8
7 JACKSON	2	85	0	0	50	50	0	0	1.06	0	0	50	50	0	0	0	43	50	0	50	0	0	2.0	4.0
8 MADISON	8	85	0	0	38	63	0	0	1.09	0	13	13	0	50	25	0	43	38	25	38	0	0	3.6	3.8
9 MERIWETHER	3	85	0	0	67	33	0	0	1.08	0	0	0	67	33	0	0	43	33	33	33	0	0	1.7	4.0
10 OCONEE	4	85	0	0	25	75	0	0	1.07	0	0	0	100	0	0	0	43	0	50	50	0	0	2.0	3.5
11 PIKE	6	84	0	17	33	50	0	0	1.09	0	0	17	33	33	17	0	45	0	33	33	33	0	2.7	3.5
12 POLK	4	83	0	25	25	50	0	0	1.09	0	0	0	75	0	0	25	43	25	50	25	0	0	3.0	3.5
13 TAYLOR	17	81	0	35	47	18	0	0	1.08	6	0	18	12	47	18	0	42	47	35	18	0	0	3.1	3.9
14 TERRELL	15	82	7	13	47	27	7	0	1.06	7	7	33	20	7	27	0	42	73	27	0	0	0	3.6	3.5
15 WALTON	12	85	0	0	58	25	17	0	1.05	17	17	8	25	25	8	0	42	50	25	25	0	0	3.4	3.7
16 OTHERS	22	86	0	5	32	41	18	5	1.08	5	5	23	27	18	14	9	43	41	14	32	9	5	2.5	3.4
SUMMARY	115	85	1	11	37	36	13	2	1.08	4	4	17	30	26	16	3	43	38	27	30	4	1	2.9	3.6
DISTRICT 2 AUGUSTA																								
17 BULLOCK	13	88	0	8	15	38	23	15	1.02	46	8	15	15	15	0	0	43	38	31	31	0	0	4.0	3.6
18 BURKE	55	87	0	2	27	42	25	4	1.04	13	16	35	24	11	2	0	42	44	38	16	2	0	3.5	3.5
19 CANDLER	4	86	0	0	0	100	0	0	1.08	0	0	0	50	50	0	0	42	50	50	0	0	0	3.3	3.8
20 EMANUEL	11	85	0	9	45	27	18	0	1.04	18	27	27	18	9	0	0	42	73	9	9	0	9	3.9	3.5
21 JEFFERSON	42	86	2	7	43	24	17	7	1.03	21	14	33	19	12	0	0	43	33	24	29	14	0	3.3	3.3
22 JOHNSON	18	86	0	11	22	44	11	11	1.04	22	17	17	22	11	11	0	42	39	44	17	0	0	3.7	3.9
23 LAURENS	27	86	0	4	26	52	15	4	1.03	22	22	26	26	4	0	0	43	30	41	22	4	4	4.5	3.8
24 MORGAN	20	85	0	15	35	40	10	0	1.06	10	20	15	30	5	20	0	43	45	20	30	0	5	3.2	3.7
25 SCREVEN	16	87	6	6	19	31	31	6	1.06	6	13	13	50	13	6	0	43	25	38	31	6	0	4.0	3.4
26 TOOMBS	5	84	0	20	40	20	20	0	1.02	40	20	20	20	0	0	0	41	60	20	20	0	0	4.2	3.4
27 WASHINGTON	25	87	0	8	24	36	32	0	1.04	16	16	28	28	8	0	4	42	52	24	24	0	0	3.6	3.8
28 OTHERS	43	86	5	2	21	51	19	2	1.03	9	23	40	23	5	0	0	43	30	33	21	14	2	3.6	3.8
SUMMARY	279	86	1	6	28	40	20	4	1.04	17	18	28	25	9	3	0	43	39	32	22	5	1	3.7	3.6
DISTRICT 3 VIENNA																								
29 BLECKLEY	28	84	0	11	39	43	7	0	1.06	0	4	29	46	21	0	0	42	32	46	18	4	0	3.5	3.3
30 CRISP	39	83	8	23	31	31	8	0	1.07	15	10	10	21	21	18	5	43	36	23	33	8	0	4.1	3.7
31 DODGE	18	84	0	6	56	33	6	0	1.08	0	11	17	28	22	11	11	43	28	11	44	17	0	3.7	3.8
32 DOOLY	81	85	2	11	31	33	20	2	1.11	0	1	4	14	35	27	20	42	47	21	25	7	0	3.5	3.4
33 MACON	5	81	0	60	0	20	20	0	1.08	0	0	20	20	60	0	0	42	40	40	20	0	0	2.6	3.0
34 PULASKI	36	84	0	11	50	22	17	0	1.08	3	11	14	22	36	8	6	42	44	19	36	0	0	3.3	3.5
35 SUMTER	17	82	0	35	29	29	0	6	1.07	0	12	24	24	29	12	0	42	41	53	6	0	0	3.4	3.7
36 TURNER	10	84	0	20	40	30	10	0	1.04	10	20	40	20	10	0	0	42	60	40	0	0	0	5.2	4.1
37 WILCOX	5	86	0	0	40	40	20	0	1.02	20	20	40	20	0	0	0	40	100	0	0	0	0	4.2	3.4
38 OTHERS	12	85	0	0	42	50	8	0	1.07	8	8	17	33	17	17	0	43	17	25	56	0	0	5.0	3.6
SUMMARY	251	84	2	15	37	33	13	1	1.08	4	7	14	23	28	15	9	42	41	26	27	5	0	3.7	3.5
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	1	89	0	0	0	100	0	0	1.12	0	0	0	0	0	100	0	41	100	0	0	0	0	5.0	4.0
40 CALHOUN	11	86	0	9	9	64	18	0	1.09	9	0	9	27	18	27	9	41	73	9	0	18	0	3.2	3.7
41 COLQUITT	26	82	8	15	54	19	4	0	1.04	12	27	38	8	12	4	0	42	38	27	35	0	0	5.7	3.5
42 EARLY	10	83	0	20	40	40	0	0	1.03	30	20	10	20	20	0	0	43	30	30	30	10	0	4.2	3.8
43 IRWIN	1	83	0	0	100	0	0	0	1.02	0	100	0	0	0	0	0	42	0	100	0	0	0	6.0	4.0
44 MITCHELL	7	83	0	43	14	14	29	0	1.03	0	29	71	0	0	0	0	40	100	0	0	0	0	5.6	4.4
45 SEMINOLE	1	79	0	100	0	0	0	0	1.02	0	100	0	0	0	0	0	41	100	0	0	0	0	3.0	4.0
46 THOMAS	3	83	0	33	33	0	33	0	1.09	0	0	0	33	67	0	0	43	33	33	33	0	0	4.7	4.0
47 TIFT	5	81	0	20	80	0	0	0	1.02	20	20	40	20	0	0	0	43	20	60	20	0	0	5.4	4.4
48 WORTH	6	83	0	0	83	17	0	0	1.03	33	0	33	33	0	0	0	42	50	33	17	0	0	5.7	3.8
49 OTHERS	0																							
SUMMARY	71	83	3	18	44	27	8	0	1.05	14	20	30	15	13	7	1	42	49	25	21	4	0	5.0	3.8
STATE SUMMARY	716	85	2	11	34	35	15	2	1.06	10	12	22	24	19	10	4	42	41	28	25	5	1	3.7	3.6

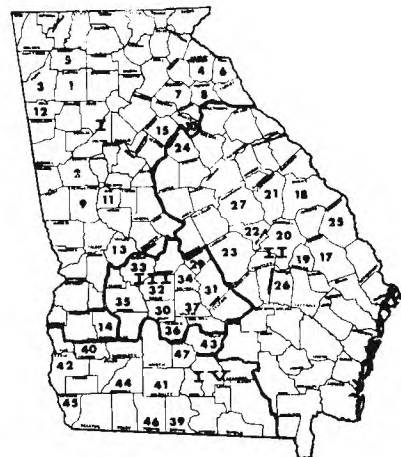
KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING OCTOBER 9, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	*	*	94	5	1
II. AUGUSTA	-	-	*	*	87	12	1
III. VIENNA	-	-	-	*	94	6	*
IV. ATLANTA -South	-----Included with ATLANTA, NORTH above-----						
AVERAGE	-	-	*	*	92	7	1



QUALITY OF COTTON CLASSED UNDER SMITH - DOXEY ACT , STATE OF GEORGIA

Quality Designation: : Atlanta, Ga. : Augusta, Ga. : Vienna, Ga.

GRADE	Week	Season	Week	Season	Week	Season
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
<u>WHITE:</u>						
21 SM & ABOVE	2	1	-	*	-	*
30 MID PLUS	-	*	-	-	-	-
31 MID	7	5	3	4	2	2
40 SLM PLUS	*	*	*	*	*	*
41 SLM	36	30	27	27	51	45
50 LM PLUS	2	2	2	1	3	1
51 LM	14	12	14	13	21	18
60 SGO PLUS & LOWER	1	2	2	2	1	1
<u>LIGHT SPOTTED:</u>						
22 SM & ABOVE	*	*	*	*	*	*
32 MID	2	2	8	5	1	1
42 SLM	13	17	31	33	13	19
52 LM	13	17	11	12	7	10
<u>SPOTTED:</u>						
23 SM	-	-	-	-	-	-
33 MID	*	*	*	*	-	-
43 SLM	2	2	1	1	*	1
53 LM	3	5	1	1	*	1
TG & YS (14-54 & 15-35)	*	*	-	*	-	*
LIGHT GRAY (16-46)	-	*	-	*	-	*
GRAY (17-47)	*	*	*	*	-	-
BELOW GRADE (81-87)	5	4	*	*	-	*
GRADE INDEX 1/	88.1	87.3	89.2	89.0	90.2	89.5
GRASS 2/	10.2	9.7	10.5	9.3	3.2	3.6
BARK 3/	1.3	.7	1.1	.4	-	-
<u>STAPLE</u>						
31 (31/32") & SHORTER	3	1	*	*	-	*
32 (1 INCH)	14	14	2	2	2	7
33 (1-1/32")	48	55	65	61	32	33
34 (1-1/16")	31	27	32	35	46	43
35 (1-3/32")	4	3	1	2	19	17
36 (1-1/8") & LONGER	*	*	-	-	1	*
AVERAGE LENGTH 4/	33.2	33.2	33.3	33.4	33.8	33.7
<u>SAMPLES CLASSED 5/</u>						
WEEK	16,049		12,173		13,205	
SEASON		45,261		38,584		39,445

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ Vienna Seasonal Office opened September 14, 1970. Samples classed prior to this date included in totals but classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia. The University of Georgia College of Agriculture and the U. S. Department of Agriculture Cooperating. Distributed in furtherance of the purposes provided for by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 6
WEEK ENDING OCTOBER 21, 1970



COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA; USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON				
		AVE. MPsi	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09-1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
DISTRICT 1 ATLANTA NORTH																									
1 BARTOW	46	86	0	4	39	39	15	2	1.07	0	4	17	35	37	7	0	44	7	24	46	17	7	2.9	3.5	
2 COWETA	5	86	0	0	40	60	0	0	1.06	0	0	20	80	0	0	0	44	20	0	60	20	0	2.0	4.0	
3 FLOYD	6	85	0	0	50	33	0	17	1.07	0	0	33	17	50	0	0	43	33	33	17	0	17	2.3	3.5	
4 FRANKLIN	1	90	0	0	0	0	100	0	1.17	0	0	0	0	0	0	100	48	0	0	0	0	100	2.0	4.0	
5 GORDON	6	86	0	0	17	50	33	0	1.09	0	17	0	17	50	17	0	45	0	0	67	33	0	2.8	3.7	
6 HART	3	92	0	0	0	0	100	0	1.10	0	0	33	0	0	67	0	45	33	0	0	67	0	2.0	3.7	
7 JACKSON	0																								
8 MADISON	13	89	0	0	8	46	46	0	1.10	0	0	23	31	8	8	31	44	23	23	31	23	0	2.8	3.7	
9 MERIWETHER	3	83	0	0	67	33	0	0	1.07	0	0	33	33	33	0	0	45	0	0	67	33	0	2.0	3.7	
10 O'CONNOR	15	86	0	7	7	67	20	0	1.07	0	0	13	47	40	0	0	44	20	13	47	20	0	2.7	3.7	
11 PIKE	8	83	13	13	25	50	0	0	1.10	0	0	0	13	38	50	0	46	13	0	38	25	25	2.8	3.1	
12 POLK	7	87	0	0	43	14	43	0	1.06	0	14	14	57	14	0	0	43	29	29	43	0	0	3.3	3.1	
13 TAYLOR	28	84	0	11	50	36	4	0	1.09	0	0	7	21	50	21	0	44	25	25	21	25	4	3.3	3.5	
14 TERRELL	29	83	0	34	31	17	17	0	1.06	0	3	41	34	10	10	0	43	28	34	28	10	0	4.8	3.3	
15 WALTON	23	85	0	9	30	46	13	0	1.06	4	4	43	26	17	4	0	43	26	30	39	4	0	2.8	3.6	
16 OTHERS	37	85	0	3	46	35	14	3	1.06	5	5	32	16	35	5	0	44	8	30	43	16	3	2.3	3.3	
SUMMARY	230	85	0	9	35	38	17	1	1.07	1	3	24	29	30	10	2	44	17	24	38	17	4	3.0	3.5	
DISTRICT 2 AUGUSTA																									
17 BULLOCK	24	87	0	4	38	21	25	13	1.03	38	4	33	17	8	0	0	44	38	17	13	21	13	4.3	3.8	
18 BURKE	62	87	0	5	23	45	23	5	1.05	2	26	29	23	16	3	2	44	19	31	24	16	10	3.5	3.5	
19 CANDLER	4	94	0	0	0	0	50	50	1.03	50	0	25	0	0	25	0	44	25	25	50	0	0	5.3	4.3	
20 EMANUEL	16	87	0	0	31	44	19	6	1.02	31	38	19	0	6	6	0	43	31	19	31	19	0	4.0	3.6	
21 JEFFERSON	41	88	0	0	17	49	27	7	1.04	12	22	29	17	12	7	0	44	22	7	41	20	10	3.2	3.5	
22 JOHNSON	23	89	0	4	4	35	52	4	1.02	39	22	17	22	0	0	0	43	35	30	17	9	9	3.9	3.9	
23 LAURENS	24	88	0	4	21	38	29	8	1.03	21	17	29	29	4	0	0	45	0	13	50	29	8	3.6	3.9	
24 MORGAN	28	86	0	11	29	39	21	0	1.03	36	18	14	14	7	7	4	43	25	18	39	18	0	2.6	3.5	
25 SCREVEN	14	89	0	7	7	36	50	0	1.05	0	21	29	36	7	0	7	45	7	14	50	14	14	3.8	3.5	
26 TOOMBS	5	91	0	0	0	40	40	20	1.03	20	40	20	0	20	0	0	43	20	40	40	0	0	4.6	3.4	
27 WASHINGTON	24	89	4	0	17	38	21	21	1.04	17	13	33	29	4	4	0	44	25	13	42	13	8	3.2	3.9	
28 OTHERS	34	87	0	6	21	50	18	6	1.04	6	26	38	9	12	9	0	44	24	32	15	15	15	3.4	3.6	
SUMMARY	299	88	0	4	20	40	27	8	1.04	18	21	28	19	9	4	1	44	22	21	31	17	9	3.5	3.6	
DISTRICT 3 VIENNA																									
29 BLECKLEY	27	84	0	15	41	37	4	4	1.06	4	4	44	33	4	11	0	43	22	30	41	4	4	3.4	3.3	
30 CRISP	44	83	2	20	36	34	7	0	1.07	5	14	20	7	32	16	5	43	27	27	30	14	2	3.7	3.4	
31 DODGE	23	83	0	13	52	26	9	0	1.07	0	9	26	22	26	13	4	43	30	26	30	13	0	3.1	3.6	
32 DOOLY	117	84	3	13	37	32	13	2	1.10	2	4	6	15	28	30	15	43	31	31	29	7	3	3.5	3.3	
33 MACON	11	82	0	27	36	36	0	0	1.06	0	27	0	45	27	0	0	43	27	27	36	0	9	3.1	3.5	
34 PULASKI	22	84	5	9	41	32	9	5	1.06	9	14	18	27	27	5	0	43	14	45	27	14	0	3.5	3.5	
35 SUMTER	20	83	0	20	45	35	0	0	1.07	10	10	15	25	25	10	5	43	35	20	35	10	0	3.3	3.4	
36 TURNER	10	84	10	10	10	60	10	0	1.03	30	20	30	0	20	0	0	42	50	20	20	10	0	4.7	3.9	
37 WILCOX	22	85	0	5	59	27	9	0	1.03	32	18	18	14	18	0	0	43	36	23	23	18	0	4.1	3.3	
38 OTHERS	15	83	0	27	33	33	7	0	1.06	7	20	7	33	27	7	0	43	33	27	33	0	7	4.4	3.7	
SUMMARY	311	84	2	15	40	33	9	1	1.08	6	10	16	19	25	17	7	43	30	29	30	9	2	3.6	3.4	
DISTRICT 4 ATLANTA SOUTH																									
39 BROOKS	3	78	33	33	33	0	0	0	1.08	0	0	0	67	33	0	0	43	33	0	33	33	0	7.3	4.0	
40 CALHOUN	14	85	7	7	21	36	29	0	1.11	0	0	0	14	36	36	14	42	36	21	29	14	0	4.4	3.6	
41 COLQUITT	46	81	15	11	46	22	7	0	1.04	11	24	30	26	7	0	2	43	28	22	41	9	0	4.7	3.5	
42 EARLY	18	85	0	11	28	56	0	6	1.07	11	17	17	11	17	22	6	43	33	17	33	17	0	4.3	3.5	
43 IRWIN	9	86	0	0	33	33	33	0	1.03	33	11	44	0	0	11	0	43	22	56	22	0	0	4.9	3.8	
44 MITCHELL	7	83	0	14	43	43	0	0	1.04	29	0	43	14	0	14	0	42	71	14	0	14	0	5.3	3.7	
45 SEMINOLE	3	84	0	0	33	67	0	0	1.07	0	0	0	67	33	0	0	42	33	67	0	0	0	4.0	4.7	
46 THOMAS	8	81	0	50	38	13	0	0	1.07	0	0	25	25	50	0	0	44	0	25	50	25	0	5.3	3.4	
47 TIFT	10	81	10	20	50	10	10	0	1.04	10	10	60	20	0	0	0	43	40	40	20	0	0	5.8	3.9	
48 WORTH	11	82	9	18	45	18	9	0	1.05	0	27	18	45	9	0	0	42	45	36	18	0	0	5.1	3.7	
49 OTHERS	2	79	0	50	50	0	0	0	1.03	0	0	100	0	0	0	0	41	50	0	50	0	0	3.5	3.0	
SUMMARY	131	83	8	15	39	28	9	1	1.06	10	15	27	23	14	8	3	43	33	26	31	10	0	4.8	3.6	
STATE SUMMARY		971	85	2	10	32	36	16	3	1.06	9	12	23	22	20	10	4	44	25	25	32	13	4	3.6	3.5

KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING OCTOBER 16, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	*	*	93	6	1
II. AUGUSTA	-	-	*	*	84	14	2
III. VIENNA	-	-	-	*	95	5	*
IV. ATLANTA -South	---Included with Atlanta, North above -----						
AVERAGE	-	-	*	*	90	8	1



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation:		: Atlanta, Ga. :		: Augusta, Ga. :		: Vienna, Ga. :			
GRADE	:	Week	Season	:	Week	Season	:	Week	Season
	:	Pct.	Pct.	:	Pct.	Pct.	:	Pct.	Pct.
<u>WHITE:</u>		:		:			:		
21 SM & ABOVE	:	2	2	:	*	*	:	*	*
30 MID PLUS	:	-	*	:	-	-	:	-	-
31 MID	:	5	5	:	2	4	:	2	2
40 SLM PLUS	:	*	*	:	*	*	:	*	*
41 SLM	:	30	31	:	21	26	:	45	45
50 LM PLUS	:	3	2	:	1	1	:	3	2
51 LM	:	15	13	:	17	14	:	18	18
60 SGO PLUS & LOWER	:	4	2	:	3	2	:	1	1
<u>LIGHT SPOTTED:</u>		:		:			:		
22 SM & ABOVE	:	*	*	:	*	*	:	-	*
32 MID	:	2	2	:	5	5	:	1	1
42 SLM	:	14	16	:	31	32	:	16	18
52 LM	:	15	16	:	14	12	:	11	10
<u>SPOTTED:</u>		:		:			:		
23 SM	:	*	*	:	-	-	:	-	-
33 MID	:	-	*	:	-	*	:	-	-
43 SLM	:	2	2	:	1	1	:	1	1
53 LM	:	2	4	:	3	2	:	1	1
<u>TG & YS (14-54 & 15-35)</u>		:	-	:	-	*	:	*	*
<u>LIGHT GRAY (16-46)</u>		:	-	:	-	*	:	*	*
<u>GRAY (17-47)</u>		:	-	:	-	*	:	-	-
<u>BELOW GRADE (81-87)</u>		:	6	:	4	1	:	1	*
<u>GRADE INDEX 1/</u>		:	87.1	:	87.2	87.7	:	88.7	89.4
<u>GRASS 2/</u>		:	12.6	:	10.3	13.0	:	10.1	5.2
<u>BARK 3/</u>		:	1.8	:	1.0	.1	:	.3	.2
<u>STAPLE</u>		:		:			:		
31 (31/32") & SHORTER	:	2	1	:	-	*	:	-	*
32 (1 INCH)	:	10	13	:	2	2	:	2	6
33 (1-1/32")	:	38	51	:	58	60	:	30	33
34 (1-1/16")	:	46	32	:	37	36	:	46	43
35 (1-3/32")	:	4	3	:	3	2	:	21	18
36 (1-1/8") & LONGER	:	*	*	:	-	-	:	1	*
<u>AVERAGE LENGTH 4/</u>		:	33.4	:	33.2	33.4	:	33.4	33.9
<u>SAMPLES CLASSED 5/</u>		:		:			:		
<u>WEEK</u>		:	13,515	:	10,203		:	12,612	
<u>SEASON</u>		:	58,776	:	48,787		:	52,057	

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ Vienna Seasonal Office opened on September 14, 1970. The samples classed prior to this date are included in season's totals but were actually classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

No. 7

GEORGIA WEEKLY COTTON QUALITY REPORT

B-1316

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 7
WEEK ENDING OCTOBER 28, 1970



COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%		
DISTRICT 1 ATLANTA NORTH			%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%		
1 BARTOW	37	84	5	11	41	30	11	3	1.05	5	24	19	24	22	5	0	44	0	32	35	22	3	2.7	3.4
2 COWETA	3	78	0	100	0	0	0	0	1.06	0	0	33	33	33	0	0	45	33	0	0	33	33	3.7	3.0
3 FLOYD	4	84	0	25	25	25	25	0	1.05	0	0	50	50	0	0	0	47	0	0	0	75	25	3.0	3.3
4 FRANKLIN	2	89	0	0	0	50	50	0	1.09	0	0	0	50	50	0	0	45	0	0	50	50	0	1.0	3.5
5 GORDON	5	82	0	0	80	20	0	0	1.10	0	0	0	40	20	40	0	46	0	20	20	40	20	2.6	3.2
6 HART	3	93	0	0	0	33	0	67	1.08	0	0	0	33	67	0	0	43	33	0	67	0	0	2.7	3.7
7 JACKSON	3	80	33	0	33	33	0	0	1.04	33	0	33	33	0	0	0	46	0	0	67	0	33	2.7	4.0
8 MADISON	9	87	0	0	33	44	11	11	1.05	11	0	33	44	11	0	0	44	0	33	44	11	11	3.0	3.4
9 MERIWETHER	4	82	0	25	50	25	0	0	1.06	25	0	0	50	25	0	0	45	0	25	50	25	0	1.3	4.0
10 OCONEE	3	85	0	0	33	67	0	0	1.05	0	0	67	33	0	0	0	43	0	67	33	0	0	3.3	3.0
11 PIKE	7	81	0	43	43	0	14	0	1.05	0	29	29	14	29	0	0	46	0	0	43	29	29	3.0	3.3
12 POLK	5	83	0	20	60	20	0	0	1.07	0	0	40	40	0	20	0	43	40	40	0	0	20	3.2	3.8
13 TAYLOR	19	80	5	47	37	0	5	5	1.07	0	11	11	47	26	5	0	43	32	21	42	5	0	3.1	3.5
14 TERRELL	16	79	25	19	44	13	0	0	1.05	6	19	31	19	25	0	0	42	63	19	19	0	0	3.9	3.6
15 WALTON	8	85	0	13	38	38	13	0	1.06	0	0	50	38	13	0	0	44	13	38	13	38	0	2.6	3.0
16 OTHERS	24	84	4	17	38	21	17	4	1.06	6	4	25	29	29	4	0	43	33	17	46	4	0	2.0	3.5
SUMMARY	152	83	6	20	39	22	9	4	1.06	5	11	24	32	22	5	0	44	21	23	34	16	6	2.8	3.4
DISTRICT 2 AUGUSTA																								
17 BULLOCK	13	83	0	15	54	31	0	0	1.05	8	8	23	38	23	0	0	43	54	8	23	8	8	4.7	4.2
18 HURKE	62	82	2	23	45	26	5	0	1.06	2	11	27	31	19	10	0	43	42	11	18	24	5	3.5	3.6
19 CANDLER	3	87	0	0	33	33	33	0	1.04	0	33	33	0	33	0	0	41	67	33	0	0	0	4.0	4.0
20 EMANUEL	9	81	0	33	56	11	0	0	1.04	22	22	22	11	22	0	0	43	22	33	22	11	11	4.0	4.1
21 JEFFERSON	44	84	2	16	45	23	7	7	1.05	7	20	27	25	14	5	2	43	27	30	25	14	5	3.3	3.6
22 JOHNSON	29	86	0	10	31	41	14	3	1.04	14	10	41	28	7	0	0	43	38	14	34	7	7	3.3	4.1
23 LAURENS	34	83	0	21	44	29	6	0	1.05	0	21	29	26	21	3	0	44	21	21	35	15	9	4.1	4.1
24 MORGAN	23	87	0	0	35	39	26	0	1.05	35	17	9	9	9	4	17	43	35	26	17	22	0	2.5	3.6
25 SCREVEN	12	82	0	8	67	25	0	0	1.07	0	17	17	33	25	8	0	43	33	8	33	25	0	3.8	3.6
26 TOOMBS	5	81	0	20	60	20	0	0	1.05	0	0	40	60	0	0	0	43	60	0	0	40	0	4.6	3.6
27 WASHINGTON	20	86	0	10	35	40	15	0	1.04	10	20	35	15	20	0	0	43	30	20	35	10	5	3.5	4.0
28 OTHERS	36	83	0	14	50	31	6	0	1.08	6	6	14	28	28	14	6	43	44	14	28	11	3	3.3	3.4
SUMMARY	290	84	1	16	44	30	8	1	1.06	8	14	26	26	16	6	2	43	36	18	26	16	5	3.5	3.8
DISTRICT 3 VIENNA																								
29 BLECKLEY	19	83	0	21	42	26	11	0	1.07	0	5	32	26	21	16	0	43	26	53	16	5	0	3.5	3.2
30 CRISP	41	83	0	27	39	27	7	0	1.06	7	5	29	37	15	5	2	44	22	27	34	15	2	3.4	3.6
31 DODGE	14	83	7	14	36	36	7	0	1.09	0	0	36	21	14	21	7	43	21	50	7	14	7	3.0	3.1
32 DOLY	65	84	2	14	44	32	8	0	1.10	0	1	9	18	31	28	13	44	26	21	31	15	5	3.4	3.3
33 MACON	14	83	0	21	50	29	0	0	1.07	0	14	14	36	29	7	0	42	43	14	36	7	0	2.6	3.6
34 PULASKI	43	82	2	26	44	28	0	0	1.06	2	19	16	33	21	9	0	44	16	23	33	19	9	2.5	3.2
35 SUMTER	18	82	6	39	28	17	11	0	1.05	0	0	50	39	11	0	0	44	28	28	28	17	0	3.0	3.6
36 TURNER	10	83	0	30	30	40	0	0	1.01	40	10	20	20	10	0	0	43	30	20	50	0	0	4.3	4.4
37 WILCOX	12	85	0	8	33	42	17	0	1.04	8	25	33	25	8	0	0	43	25	42	33	0	0	3.8	3.6
38 OTHERS	24	82	0	17	47	8	8	0	1.04	4	25	21	38	13	0	0	43	21	25	38	17	0	4.1	3.8
SUMMARY	280	83	2	21	43	28	7	0	1.07	4	9	21	28	21	13	5	43	25	27	31	14	4	3.3	3.4
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	4	81	0	50	25	25	0	0	1.04	0	25	50	25	0	0	0	42	50	25	25	0	0	5.8	3.5
40 CALHOUN	16	84	0	0	56	38	6	0	1.08	6	6	6	38	13	25	0	43	31	31	19	19	0	3.5	3.2
41 COLQUITT	20	79	15	40	30	15	0	0	1.04	15	15	40	20	10	0	0	42	40	25	25	10	0	4.8	3.7
42 EARLY	8	86	0	13	13	50	25	0	1.05	13	0	25	38	25	0	0	43	25	25	50	0	0	3.4	3.6
43 IRWIN	4	81	0	25	50	25	0	0	1.01	25	50	0	25	0	0	0	42	50	50	0	0	0	5.3	3.8
44 MITCHELL	3	76	33	33	33	0	0	0	1.00	67	33	0	0	0	0	0	42	33	33	33	0	0	6.0	3.7
45 SEMINOLE	2	86	0	50	0	0	50	0	1.01	50	0	50	0	0	0	0	42	50	50	0	0	0	3.5	4.0
46 THOMAS	2	81	0	0	100	0	0	0	1.05	0	0	50	50	0	0	0	42	50	0	50	0	0	4.5	3.5
47 TIFT	0																							
48 WORTH	6	82	17	17	33	17	17	0	1.01	50	33	17	0	0	0	0	41	33	50	17	0	0	4.8	3.8
49 OTHERS	0																							
SUMMARY	65	82	8	23	37	25	8	0	1.04	16	15	25	25	9	6	2	42	37	31	25	8	0	4.4	3.6
STATE SUMMARY	787	83	3	19	42	27	8	1	1.06	7	12	24	28	19	8	3	43	29	23	29	14	4	3.4	3.6

KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS	J. W. McCARTY PROJECT DIRECTOR
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5	
LOW	70 TO 76	42 TO 43	3.5 TO 3.9	
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4	
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0	
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0	

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING OCTOBER 23, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	*	*	94	5	*
II. AUGUSTA	-	-	*	1	81	16	2
III. VIENNA	-	*	*	*	97	3	*
IV. ATLANTA -South	-----Included with Atlanta, North above-----						
AVERAGE	-	-	*	*	91	8	1



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation: : Atlanta, Ga. : Augusta, Ga. : Vienna, Ga.

GRADE	Week	Season	Week	Season	Week	Season
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
<u>WHITE:</u>						
21 SM & ABOVE	*	1	-	*	-	*
30 MID PLUS	-	*	-	-	-	-
31 MID	3	5	2	3	1	2
40 SLM PLUS	*	*	*	*	*	*
41 SLM	31	30	23	25	30	41
50 LM PLUS	3	2	2	1	1	2
51 LM	19	14	17	15	36	22
60 SGO PLUS & LOWER	4	2	4	2	2	1
<u>LIGHT SPOTTED:</u>						
22 SM & ABOVE	-	*	*	*	-	*
32 MID	1	2	4	4	1	1
42 SLM	13	16	27	32	13	17
52 LM	16	16	15	13	12	11
<u>SPOTTED:</u>						
23 SM	-	*	-	-	-	-
33 MID	*	*	*	*	*	*
43 SLM	1	2	2	1	1	1
53 LM	3	4	2	2	1	1
TG & YS (14-54 & 15-35)	-	*	*	*	-	*
<u>LIGHT GRAY (16-46)</u>	-	*	-	*	*	*
<u>GRAY (17-47)</u>	-	*	-	*	-	-
<u>BELOW GRADE (81-87)</u>	6	5	1	1	1	*
GRADE INDEX 1/	86.3	87.1	87.3	88.5	87.5	89.1
GRASS 2/	9.6	10.2	15.5	10.8	2.2	3.7
BARK 3/	2.4	1.2	.4	.3	1.7	.4
<u>STAPLE</u>						
31 (31/32") & SHORTER	3	2	-	*	*	*
32 (1 INCH)	9	13	2	2	3	5
33 (1-1/32")	37	48	65	61	43	35
34 (1-1/16")	47	34	31	35	47	44
35 (1-3/32")	4	3	2	2	7	16
36 (1-1/8") & LONGER	*	*	-	-	-	*
AVERAGE LENGTH 4/	33.4	33.2	33.3	33.4	33.6	33.7
<u>SAMPLES CLASSED 5/</u>						
WEEK	10,261		7,644		12,576	
SEASON	69,037		56,431		64,633	

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ Vienna Seasonal office opened September 14, 1970. Samples classed prior to this date included in total but classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia. The University of Georgia College of Agriculture and the U. S. Department of Agriculture Cooperating. Distributed in furtherance of the purposes provided for by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 8
WEEK ENDING NOVEMBER 4, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON				
		AVE., MPST	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW	
DISTRICT 1 ATLANTA NORTH		33	84	3	12	36	42	3	3	1.08	3	3	15	33	30	15	0	45	6	21	48	21	3	3.0	3.4
1 BARTOW		2	85	0	0	50	50	0	0	1.10	0	0	50	0	0	0	50	45	0	50	0	0	50	4.5	4.0
2 COWETA		7	83	0	14	57	29	0	0	1.07	0	0	29	29	43	0	0	43	43	14	43	0	0	3.6	3.3
3 FLOYD		4	91	0	0	0	50	50	0	1.11	0	0	0	0	50	50	0	47	0	0	0	50	50	1.5	3.5
4 FRANKLIN		4	81	0	25	75	0	0	0	1.06	0	0	50	25	25	0	0	45	0	25	50	25	0	2.3	3.3
5 GORDON		4	88	0	0	25	25	50	0	1.10	0	0	0	0	75	25	0	46	25	0	0	50	25	2.0	3.3
6 HART		5	83	0	0	60	40	0	0	1.05	20	20	0	20	40	0	0	44	0	40	40	0	20	2.8	3.4
7 JACKSON		8	85	0	13	25	63	0	0	1.12	0	0	0	38	25	13	25	43	13	38	50	0	0	2.5	3.8
8 MADISON		3	79	33	33	0	33	0	0	1.08	0	33	0	0	33	33	0	45	0	0	100	0	0	2.7	3.3
9 MERIWETHER		8	85	0	0	50	38	13	0	1.08	0	0	13	50	38	0	0	44	25	38	13	13	13	3.3	3.5
10 OCONEE		5	80	20	20	60	0	0	0	1.09	0	0	0	40	40	20	0	45	0	20	20	60	0	2.8	2.8
11 PIKE		7	82	0	14	71	14	0	0	1.08	0	14	0	14	57	14	0	44	29	0	43	29	0	2.9	3.1
12 PULK		30	81	10	27	43	10	10	0	1.09	3	0	17	23	33	13	10	44	27	17	30	17	10	3.3	3.1
13 TAYLOR		23	83	0	17	43	35	4	0	1.08	0	9	17	35	13	22	4	44	26	17	43	9	4	3.9	3.2
14 TERRELL		15	82	7	13	67	13	0	0	1.06	0	0	47	20	33	0	0	45	20	7	40	13	20	2.3	3.1
15 WALTON		37	84	0	16	38	38	5	3	1.10	3	0	3	27	27	38	3	44	19	22	38	14	8	2.5	3.2
16 OTHERS		195	83	4	15	44	30	6	1	1.08	2	3	14	27	31	18	4	44	18	19	38	16	9	2.9	3.3
SUMMARY																									
DISTRICT 2 AUGUSTA		5	82	0	40	20	40	0	0	1.03	20	0	60	0	20	0	0	44	0	20	80	0	0	3.8	4.4
17 BULLOCK		27	84	4	7	33	48	4	4	1.06	0	11	30	33	15	11	0	43	30	26	19	26	0	3.1	4.0
18 BURKE		0																							
19 CANDLER		6	84	0	17	67	0	0	17	1.04	17	0	50	33	0	0	0	43	33	0	33	17	17	3.3	4.0
20 EMANUEL		18	85	0	0	44	56	0	0	1.04	22	17	11	33	17	0	0	42	56	22	17	6	0	3.1	4.0
21 JEFFERSON		9	85	0	0	56	33	11	0	1.04	11	22	22	33	11	0	0	43	44	22	22	11	0	2.9	4.0
22 JOHNSON		8	82	0	0	88	13	0	0	1.05	13	13	25	25	25	0	0	44	13	25	63	0	0	3.3	4.3
23 LAURENS		5	88	0	0	20	60	0	20	1.06	20	20	0	20	0	40	0	42	40	40	20	0	0	3.2	4.0
24 MORGAN		4	84	0	25	25	25	25	0	1.11	0	0	0	25	25	50	0	43	50	0	25	25	0	3.3	3.8
25 SCREVEN		2	84	0	50	0	50	0	0	1.09	0	0	0	50	0	50	0	44	0	50	0	50	0	2.5	3.0
26 TOOMBS		5	87	0	0	40	20	40	0	1.04	20	20	20	40	0	0	0	43	40	0	40	20	0	2.8	4.2
27 WASHINGTON		10	84	0	0	70	20	10	0	1.04	10	40	10	20	20	0	0	43	30	40	30	0	0	2.7	3.9
28 OTHERS		99	84	1	7	45	37	6	3	1.05	11	15	22	29	14	8	0	43	34	23	28	13	1	3.1	4.0
SUMMARY																									
DISTRICT 3 VIENNA		12	86	0	8	33	25	25	8	1.09	0	0	17	33	25	8	17	43	25	25	42	8	0	3.3	3.1
29 BLECKLEY		37	84	3	14	35	41	5	3	1.09	0	3	14	35	16	24	8	44	8	43	30	8	11	3.7	3.4
30 CRISP		26	84	0	15	46	31	8	0	1.09	0	0	15	35	31	8	12	43	15	35	31	19	0	3.0	3.5
31 DODGE		108	85	1	12	33	41	11	2	1.12	0	0	2	14	25	36	23	44	20	31	37	8	4	3.2	3.2
32 DOOLY		12	84	0	25	25	33	17	0	1.07	8	8	17	33	17	17	0	43	33	17	42	8	0	3.2	3.8
33 MACON		27	83	7	26	30	22	15	0	1.08	0	7	11	30	37	11	4	43	19	37	22	19	4	3.0	3.1
34 PULASKI		28	82	0	39	39	14	7	0	1.09	4	0	18	21	25	29	4	43	25	39	21	14	0	3.4	3.4
35 SUMTER		5	81	0	40	40	20	0	0	1.05	0	20	60	0	20	0	0	43	0	60	40	0	0	5.0	3.8
36 TURNER		6	86	0	0	33	50	17	0	1.06	0	17	17	50	17	0	0	42	17	67	0	17	0	4.5	4.0
37 WILCOX		4	81	0	50	25	0	25	0	1.04	25	25	25	0	0	25	0	45	0	0	50	50	0	5.8	3.8
38 OTHERS		265	84	2	18	35	33	11	2	1.10	1	3	11	23	25	25	13	43	18	34	32	12	3	3.4	3.3
SUMMARY																									
DISTRICT 4 ATLANTA SOUTH		1	80	0	0	100	0	0	0	1.05	0	0	100	0	0	0	0	40	100	0	0	0	0	5.0	3.0
39 BROOKS		19	85	0	16	16	53	16	0	1.12	0	0	0	11	26	42	21	42	37	37	26	0	0	4.2	3.1
40 CALHOUN		18	79	28	22	39	11	0	0	1.04	22	11	22	28	17	0	0	42	44	22	11	17	6	4.8	3.3
41 COLQUITT		12	84	0	17	33	50	0	0	1.07	17	17	0	33	8	8	17	43	25	33	17	17	8	4.4	3.8
42 EARLY		0																							
43 IRWIN		2	80	0	50	50	0	0	0	1.07	0	0	50	0	50	0	0	42	50	50	0	0	0	7.0	5.5
44 MITCHELL		2	83	0	50	0	50	0	0	1.06	0	50	0	0	50	0	0	42	50	50	0	0	0	4.0	3.5
45 SEMINOLE		11	81	0	45	36	18	0	0	1.07	0	0	55	9	18	18	0	44	36	9	9	36	9	4.8	3.4
46 THOMAS		9	81	11	11	56	22	0	0	1.06	0	22	22	22	22	11	0	42	44	33	11	11	0	5.3	3.9
47 TIFT		10	81	10	10	70	10	0	0	1.04	10	30	10	30	20	0	0	43	40	20	40	0	0	5.5	4.0
48 WORTH		1	80	0	0	100	0	0	0	1.01	0	100	0	0	0	0	0	40	100	0	0	0	0	5.0	5.0
49 OTHERS		85	82	8	21	39	28	4	0	1.07	8	13	18	20	20	14	7	43	40	27	18	12	4	4.8	3.5
SUMMARY																									
STATE SUMMARY		644	84	3	16	40	32	8	1	1.08	4	6	14	25	24	19	8	44	24	27	31	13	5	3.4	3.4

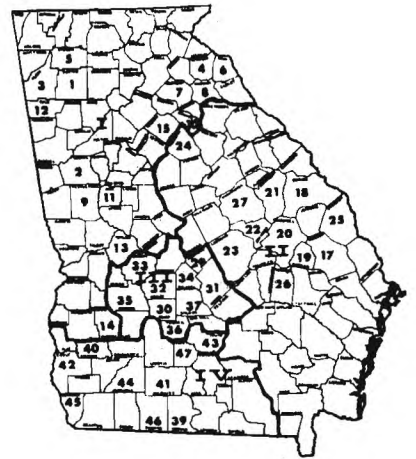
KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.8
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING OCTOBER 30, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	*	*	95	4	1
II. AUGUSTA	-	-	-	*	86	12	2
III. VIENNA	-	-	*	1	96	3	*
IV. ATLANTA -South	-----Included with Atlanta, North above-----						
AVERAGE	-	-	*	*	92	6	1



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation: : Atlanta, Ga. : Augusta, Ga. : Vienna, Ga.

GRADE	: Week	Season	: Week	Season	: Week	Season
	: Pct.	Pct.	: Pct.	Pct.	: Pct.	Pct.
<u>WHITE:</u>						
21 SM & ABOVE	: 1	1	: *	*	: -	*
30 MID PLUS	: -	*	: -	-	: -	-
31 MID	: 2	5	: 1	3	: 1	2
40 SLM PLUS	: -	*	: -	*	: *	*
41 SLM	: 19	29	: 13	24	: 19	40
50 IM PLUS	: 2	2	: 1	1	: 1	2
51 LM	: 22	15	: 23	15	: 43	23
60 SGO PLUS & LOWER	: 4	2	: 6	3	: 5	2
<u>LIGHT SPOTTED:</u>						
22 SM & ABOVE	: *	*	: *	*	: -	*
32 MID	: 2	2	: 4	4	: 1	1
42 SLM	: 17	16	: 21	31	: 11	17
52 LM	: 21	17	: 21	13	: 15	11
<u>SPOTTED:</u>						
23 SM	: -	*	: -	-	: -	-
33 MID	: *	*	: *	*	: *	*
43 SLM	: 1	2	: 2	2	: 1	1
53 LM	: 3	4	: 5	2	: 2	1
TG & YS (14-54 & 15-35)	: *	*	: *	*	: *	*
LIGHT GRAY (16-46)	: -	*	: -	*	: -	*
GRAY (17-47)	: -	*	: -	*	: -	-
BELOW GRADE (81-87)	: 6	5	: 2	1	: 1	*
GRADE INDEX 1/	: 84.9	86.9	: 85.2	88.3	: 85.9	88.8
GRASS 2/	: 7.4	10.0	: 21.8	11.6	: .5	3.4
BARK 3/	: 2.5	1.3	: .2	.3	: 6.2	.9
<u>STAPLE</u>						
31 (31/32") & SHORTER	: 2	2	: -	*	: -	*
32 (1 INCH)	: 13	13	: 1	2	: 3	5
33 (1-1/32")	: 38	47	: 69	62	: 53	36
34 (1-1/16")	: 46	35	: 28	34	: 41	44
35 (1-3/32")	: 1	3	: 2	2	: 3	15
36 (1-1/8") & LONGER	: -	*	: -	-	: -	*
AVERAGE LENGTH 4/	: 33.3	33.2	: 33.3	33.4	: 33.5	33.7
SAMPLES CLASSED 5/	: :	:	: :	:	: :	:
WEEK	: 7,286	:	: 4,336	:	: 5,609	:
SEASON	: 76,323	:	: 60,767	:	: 70,242	:

*Less than one-half of one percent. 1/ Middling White is 100. 2/Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ Vienna Seasonal Office opened September 14, 1970. Samples classed prior to this date included in total but classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REP

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

B-1316
Reports Folder?

REPORT NO. 9
WEEK ENDING NOVEMBER 11, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MPsi	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
DISTRICT 1 ATLANTA NORTH		%	%	%	%	%	%		%	%	%	%	%	%	%	%	%	%	%	%	%	%		
1 BARTOW	35	81	3	31	54	11	0	0	1.05	14	17	17	26	26	0	0	44	11	26	37	23	3	3.2	3.1
2 CUMETIA	5	82	20	0	40	40	0	0	1.06	0	0	40	60	0	0	0	44	20	20	40	0	20	3.4	3.4
3 FLOYD	13	81	8	23	54	15	0	0	1.05	15	0	31	31	15	8	0	43	46	23	23	0	8	3.4	3.3
4 FRANKLIN	3	80	0	33	67	0	0	0	1.10	0	0	0	33	33	33	0	45	0	33	33	33	0	2.0	2.3
5 GORDON	14	81	0	36	43	21	0	0	1.04	14	29	14	36	7	0	0	44	7	50	7	29	7	3.0	2.9
6 HART	10	86	0	10	20	60	10	0	1.07	10	10	30	0	20	20	10	43	30	30	40	0	0	3.2	3.6
7 JACKSON	3	79	0	33	67	0	0	0	1.06	0	0	67	0	33	0	0	43	33	33	0	33	0	3.0	3.0
8 MADISON	11	81	9	27	36	27	0	0	1.10	0	0	18	18	18	36	9	45	18	0	27	55	0	3.3	3.4
9 MERIWETHER	2	80	0	50	50	0	0	0	1.05	0	0	100	0	0	0	0	44	0	50	50	0	0	3.5	3.0
10 OCONEE	7	83	0	43	29	14	14	0	1.04	0	29	43	14	14	0	0	44	14	14	29	43	0	3.9	4.0
11 PIKE	7	82	0	14	57	29	0	0	1.07	0	0	43	14	29	14	0	47	0	0	29	43	29	4.6	3.9
12 PULK	10	82	10	10	40	40	0	0	1.05	0	30	30	20	20	0	0	42	50	20	30	0	0	3.1	3.5
13 TAYLOR	28	80	4	46	39	11	0	0	1.06	7	14	18	25	21	14	0	43	43	11	14	18	14	3.4	3.3
14 TERRELL	32	79	9	47	41	0	3	0	1.05	9	19	25	28	19	0	0	44	19	22	38	16	6	4.3	3.9
15 WALTON	15	81	7	27	47	20	0	0	1.06	0	0	40	40	13	0	7	44	33	20	7	33	7	3.5	3.3
16 OTHERS	45	81	9	27	53	4	7	0	1.07	4	13	18	27	11	18	9	44	33	13	18	33	2	3.1	3.1
SUMMARY	240	81	6	31	46	15	3	0	1.06	7	13	25	26	18	9	3	44	26	20	25	23	6	3.4	3.3
DISTRICT 2 AUGUSTA																								
17 BULLUCK	9	83	0	22	56	22	0	0	1.02	22	33	33	11	0	0	0	43	44	44	0	11	0	3.2	3.0
18 BURKE	41	81	12	22	44	22	0	0	1.04	15	24	24	27	10	0	0	43	34	44	17	5	0	3.4	3.4
19 CANDLER	1	84	0	0	100	0	0	0	1.05	0	0	100	0	0	0	0	44	0	0	100	0	0	3.0	2.0
20 EMANUEL	6	82	0	17	67	17	0	0	1.05	0	33	17	33	17	0	0	40	100	0	0	0	0	3.5	3.2
21 JEFFERSON	14	81	0	36	43	14	7	0	1.04	14	14	29	43	0	0	0	43	29	21	36	14	0	3.8	3.4
22 JOHNSON	16	84	0	6	56	31	0	6	1.03	25	19	19	25	13	0	0	43	50	13	25	13	0	3.6	3.7
23 LAURENS	12	81	0	33	50	17	0	0	1.03	25	8	42	8	17	0	0	43	25	50	25	0	0	3.3	3.8
24 MORGAN	15	83	0	20	47	33	0	0	1.04	20	20	27	20	0	7	7	44	20	40	33	0	7	3.1	3.3
25 SCHEVEN	8	81	13	0	63	25	0	0	1.05	13	25	13	25	13	13	0	43	25	25	50	0	0	3.6	3.8
26 THOMBS	0																							
27 WASHINGTON	7	83	0	14	71	14	0	0	1.05	0	29	14	57	0	0	0	41	57	43	0	0	0	4.0	3.6
28 OTHERS	20	82	5	30	30	35	0	0	1.05	15	20	20	20	15	5	5	43	35	30	25	10	0	3.6	3.7
SUMMARY	149	82	5	21	48	24	1	1	1.04	16	21	25	26	9	2	1	43	37	34	23	6	1	3.5	3.5
DISTRICT 3 VIENNA																								
29 BLECKLEY	15	81	7	20	47	27	0	0	1.05	13	33	13	13	13	0	13	42	40	33	27	0	0	3.5	3.5
30 CRISP	32	80	3	41	50	6	0	0	1.05	9	25	16	22	13	9	6	44	16	34	38	13	0	3.7	3.6
31 DODGE	15	79	7	60	33	0	0	0	1.07	13	7	13	20	27	7	13	42	40	40	13	0	7	3.2	2.9
32 DODLY	83	83	1	19	41	35	4	0	1.09	0	2	8	29	31	23	6	42	51	22	22	6	0	3.6	3.4
33 MACON	19	81	5	32	47	11	0	5	1.07	0	0	47	26	11	11	5	43	26	42	26	5	0	3.3	3.6
34 PULASKI	7	82	0	29	43	29	0	0	1.06	0	14	43	0	43	0	0	42	57	14	14	14	0	3.1	3.0
35 SUMTER	25	81	0	40	44	16	0	0	1.04	24	20	12	20	16	4	4	42	48	36	16	0	0	3.2	3.1
36 TURNER	4	83	0	25	50	25	0	0	0.99	75	0	25	0	0	0	0	43	0	50	50	0	0	4.0	3.8
37 WILCOX	7	79	0	71	14	14	0	0	1.04	14	29	29	29	0	0	0	43	14	57	29	0	0	4.1	3.9
38 OTHERS	10	77	20	60	20	0	0	0	1.05	10	10	30	30	20	0	0	41	60	20	20	0	0	3.6	3.5
SUMMARY	217	81	3	33	41	21	1	0	1.07	8	12	17	24	22	12	6	42	40	30	24	5	0	3.5	3.4
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	1	85	0	0	0	100	0	0	1.01	0	100	0	0	0	0	0	39	100	0	0	0	0	5.0	5.0
40 CALHOUN	30	81	7	20	50	23	0	0	1.09	3	0	17	27	30	17	7	42	37	43	20	0	0	3.9	3.4
41 COLQUITT	39	78	21	41	31	8	0	0	1.03	15	33	26	21	3	3	0	43	31	36	18	13	3	4.3	3.6
42 EARLY	11	82	9	27	27	36	0	0	1.04	18	27	18	9	9	9	9	43	45	9	27	18	0	3.6	3.6
43 IRWIN	5	81	0	60	0	40	0	0	0.99	40	40	20	0	0	0	0	43	40	0	40	20	0	4.2	3.6
44 MITCHELL	8	80	13	25	63	0	0	0	1.01	50	0	38	13	0	0	0	43	25	38	25	13	0	4.4	3.6
45 SEMINOLE	0																							
46 THOMAS	4	82	0	25	75	0	0	0	1.08	0	0	25	25	25	25	0	44	25	0	50	25	0	4.8	3.5
47 TIFT	7	81	14	29	43	14	0	0	1.00	43	29	29	0	0	0	0	43	29	29	29	14	0	4.0	3.7
48 WORTH	15	79	13	47	40	0	0	0	1.01	40	20	20	20	0	0	0	42	53	13	33	0	0	5.2	4.3
49 OTHERS	1	78	0	100	0	0	0	0	0.96	100	0	0	0	0	0	0	40	100	0	0	0	0	5.0	4.0
SUMMARY	121	80	12	34	39	15	0	0	1.04	21	20	22	18	10	7	2	43	37	29	24	9	1	4.3	3.7
STATE SUMMARY	727	81	6	30	44	18	1	0	1.05	12	16	22	24	16	8	3	43	34	27	24	12	2	3.6	3.4

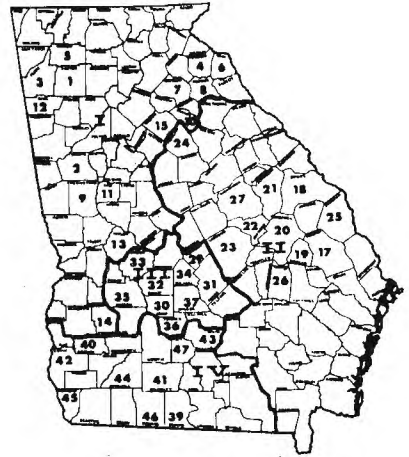
KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
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LOW	70 TO 76	42 TO 43	3.5 TO 3.8
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING NOVEMBER 6, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	-	*	96	3	1
II. AUGUSTA	-	-	*	*	75	21	3
III. VIENNA	-	-	-	1	96	3	-
IV. ATLANTA -South	-----Included with Atlanta, North above-----						
AVERAGE	-	-	-	*	89	9	2



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation: : Atlanta, Ga. : Augusta, Ga. : Vienna, Ga.

GRADE	Week Pct.	Season Pct.	Week Pct.	Season Pct.	Week Pct.	Season Pct.
<u>WHITE:</u>						
21 SM & ABOVE	-	1	-	*	-	*
30 MID PLUS	-	*	-	-	-	-
31 MID	1	4	*	3	-	2
40 SLM PLUS	-	*	-	*	-	*
41 SLM	13	28	5	24	4	38
50 LM PLUS	2	2	-	1	-	2
51 LM	27	16	16	15	39	24
60 SGO PLUS & LOWER	8	3	6	3	7	2
<u>LIGHT SPOTTED:</u>						
22 SM & ABOVE	-	*	-	*	-	*
32 MID	1	2	2	4	-	1
42 SLM	13	16	26	31	16	17
52 LM	21	17	30	14	28	12
<u>SPOTTED:</u>						
23 SM	-	*	-	-	-	-
33 MID	-	*	-	*	-	*
43 SLM	3	2	6	2	1	1
53 LM	5	4	5	2	4	1
TG & YS (14-54 & 15-35)	*	*	-	*	1	*
LIGHT GRAY (16-46)	-	*	-	*	-	*
GRAY (17-47)	-	*	-	*	-	-
BELOW GRADE (81-87)	6	5	4	1	-	*
GRADE INDEX 1/	83.4	86.6	83.2	88.1	83.4	88.5
GRASS 2/	9.1	10.0	24.7	12.0	-	3.2
BARK 3/	2.4	1.4	-	.3	7.2	1.2
<u>STAPLE</u>						
31 (31/32")	3	2	-	*	-	*
32 (1 INCH)	10	13	*	2	5	5
33 (1-1/32")	44	46	68	62	64	38
34 (1-1/16")	42	36	30	34	31	43
35 (1-3/32")	1	3	2	2	-	14
36 (1-1/8") & LONGER	-	*	-	-	-	*
AVERAGE LENGTH 4/	33.3	33.2	33.3	33.4	33.3	33.7
<u>SAMPLES CLASSED 5/</u>						
WEEK	6,447		2,241		3,394	
SEASON		82,770		63,008		73,636

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ Vienna Seasonal Office opened September 14, 1970. Samples classed prior to this date included in total but classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Koland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

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GEORGIA WEEKLY COTTON QUALITY REPORT

B-1316
Reports

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO 10
WEEK END NOVEMBER 18 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

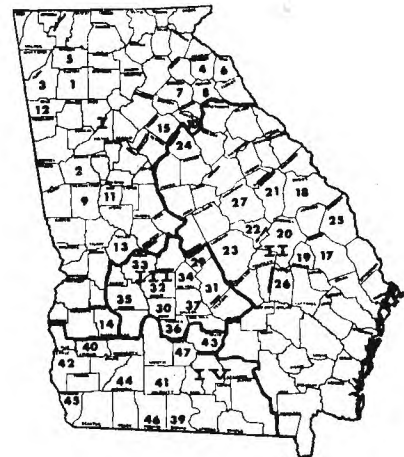
DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MP SI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09-1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
DISTRICT 1 ATLANTA NORTH		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1 BARTOW	40	85	0	13	33	48	5	3	1.07	3	10	18	38	20	10	3	43	28	25	38	10	0	3.8	3.3
2 COWETA	6	81	0	33	50	17	0	0	1.08	0	17	0	17	50	17	0	44	0	33	67	0	0	4.2	3.3
3 FLOYD	15	83	0	7	73	20	0	0	1.05	7	13	33	20	27	0	0	42	47	33	13	7	0	3.5	3.1
4 FRANKLIN	1	78	0	100	0	0	0	0	1.12	0	0	0	0	0	100	0	46	0	0	0	100	0	3.0	3.0
5 GORDON	13	83	0	23	46	23	8	0	1.08	0	0	31	15	46	8	0	43	23	38	31	0	8	3.2	2.9
6 HART	1	91	0	0	0	0	0	100	1.10	0	0	0	0	0	100	0	41	100	0	0	0	0	4.0	4.0
7 JACKSON	2	83	0	0	50	50	0	0	1.04	0	50	0	50	0	0	0	46	0	0	50	0	50	2.5	3.0
8 MADISON	9	85	0	11	33	22	32	0	1.07	0	0	33	11	56	0	0	42	44	33	22	0	0	3.9	3.6
9 MERTWETHER	5	81	0	40	40	20	0	0	1.06	0	20	20	40	20	0	0	44	0	60	20	20	0	4.2	3.6
10 O'CONNOR	2	85	0	0	50	50	0	0	1.04	0	0	100	0	0	0	0	43	50	0	50	0	0	4.0	3.5
11 PIKE	7	84	0	14	43	29	14	0	1.11	0	0	14	29	29	0	29	44	14	14	57	14	0	3.6	3.6
12 POLK	10	87	0	0	40	40	10	10	1.06	10	30	0	20	30	0	10	43	40	10	40	10	0	3.7	3.3
13 TAYLOR	18	83	0	17	56	28	0	0	1.08	0	17	22	11	11	22	17	43	50	17	22	11	0	3.8	3.3
14 TERRELL	18	82	11	11	44	28	6	0	1.04	17	17	33	22	11	0	0	42	44	28	22	6	0	4.5	4.1
15 WALTON	12	82	0	33	33	33	0	0	1.07	0	8	25	42	17	8	0	43	25	33	42	0	0	4.0	3.4
16 OTHERS	29	81	3	28	55	14	0	0	1.06	3	14	34	31	17	0	0	44	21	21	45	14	0	3.3	3.1
SUMMARY	188	83	2	18	45	29	5	1	1.07	4	12	24	26	23	6	4	43	31	26	34	9	1	3.7	3.3
DISTRICT 2 AUGUSTA																								
17 BULLOCK	9	87	0	0	44	22	33	0	1.05	0	33	22	22	0	22	0	43	44	22	22	11	0	4.4	4.2
18 BURKE	51	84	4	12	29	35	16	4	1.07	4	10	16	31	24	10	6	43	25	39	25	8	2	4.0	3.6
19 CANDLER	5	81	0	20	80	0	0	0	1.04	20	0	40	20	20	0	0	43	40	40	20	0	0	3.8	4.0
20 EMANUEL	5	83	0	20	40	40	0	0	1.05	0	20	40	20	0	20	0	43	20	0	80	0	0	3.4	3.0
21 JEFFERSON	12	84	8	17	25	42	8	0	1.04	25	8	17	42	0	8	0	43	25	8	58	8	0	3.9	3.4
22 JOHNSON	11	85	0	0	27	73	0	0	1.05	0	9	36	36	18	0	0	43	45	27	27	0	0	3.9	3.5
23 LAURENS	19	85	0	11	26	58	5	0	1.06	5	0	26	47	16	5	0	43	26	21	32	21	0	4.1	3.5
24 MORGAN	14	86	0	7	29	36	26	0	1.03	43	14	14	0	14	7	7	42	43	29	21	7	0	3.7	3.3
25 SCREVEN	15	84	7	13	27	47	7	0	1.06	0	0	47	33	20	0	0	42	47	33	7	13	0	4.4	4.1
26 THOMAS	4	84	0	0	50	25	25	0	1.06	0	0	50	50	0	0	0	43	25	50	0	25	0	3.3	2.8
27 WASHINGTON	14	87	0	7	36	14	36	7	1.05	14	14	29	29	14	0	0	42	50	36	14	0	0	3.6	3.3
28 OTHERS	27	83	4	15	52	19	11	0	1.07	0	15	22	22	30	4	7	43	44	26	22	4	4	3.7	3.4
SUMMARY	186	85	3	11	35	35	15	2	1.06	8	10	25	30	18	6	3	43	35	30	26	8	1	3.9	3.5
DISTRICT 3 VIENNA																								
29 BLECKLEY	17	84	0	24	24	41	6	6	1.06	12	6	24	18	24	12	6	43	35	35	0	24	0	3.9	3.5
30 CRISP	37	84	5	11	43	27	11	3	1.06	5	11	27	27	14	14	3	44	22	30	41	5	3	4.3	3.7
31 DODGE	10	82	10	10	50	30	0	0	1.09	0	0	10	40	20	20	10	42	40	50	0	10	0	3.5	3.2
32 DOWDY	63	85	3	14	35	30	16	2	1.11	0	0	2	27	29	25	17	42	41	27	25	6	0	3.8	3.4
33 MACON	14	83	0	7	64	21	7	0	1.05	7	29	7	43	14	0	0	42	36	50	14	0	0	3.2	3.0
34 PULASKI	12	85	0	17	33	42	8	0	1.07	8	8	17	42	8	17	0	44	17	25	42	17	0	4.1	3.6
35 SUMTER	19	82	11	26	32	21	5	5	1.04	16	26	21	21	16	0	0	42	42	32	26	0	0	3.7	3.5
36 TURNER	3	86	0	0	67	0	33	0	1.06	0	33	0	33	33	0	0	41	33	67	0	0	0	3.7	3.0
37 WILCOX	6	83	0	33	17	50	0	0	1.02	0	33	67	0	0	0	0	40	67	17	17	0	0	4.5	3.8
38 OTHERS	8	82	0	25	75	0	0	0	1.03	25	0	50	25	0	0	0	44	25	50	0	25	0	3.3	3.8
SUMMARY	185	84	4	16	39	29	10	2	1.07	5	10	16	28	19	15	8	43	35	32	24	8	1	3.9	3.5
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	2	73	100	0	0	0	0	0	1.01	0	100	0	0	0	0	0	42	50	0	50	0	0	5.0	3.0
40 CALHOUN	16	85	0	13	44	31	6	6	1.10	0	6	19	6	19	38	13	42	50	38	13	0	0	4.0	3.2
41 COLQUITT	16	83	0	25	38	38	0	0	1.06	6	19	25	13	25	13	0	42	44	31	13	13	0	4.1	3.8
42 EARLY	8	85	0	13	38	38	13	0	1.08	0	0	13	25	50	13	0	41	75	25	0	0	0	4.1	3.8
43 IRWIN	0																							
44 MITCHELL	4	81	0	25	75	0	0	0	1.06	0	0	50	25	25	0	0	43	50	25	25	0	0	3.8	3.8
45 SEMINOLE	0																							
46 THOMAS	1	87	0	0	0	100	0	0	1.13	0	0	0	0	0	100	0	44	0	0	100	0	0	4.0	3.0
47 TIFT	2	78	0	100	0	0	0	0	1.03	0	50	50	0	0	0	0	43	0	50	50	0	0	5.5	5.0
48 WORTH	4	81	25	25	0	50	0	0	1.04	25	25	0	0	25	25	0	44	0	50	50	0	0	5.0	4.8
49 OTHERS	2	83	0	0	0	100	0	0	1.02	0	50	50	0	0	0	0	43	50	50	0	0	0	4.0	3.5
SUMMARY	55	83	5	20	38	31	4	2	1.07	4	16	22	11	24	20	4	42	45	33	16	4	0	4.2	3.7
STATE SUMMARY	614	84	3	15	40	31	9	2	1.07	6	11	22	26	21	10	5	43	35	29	27	8	1	3.9	3.5

KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINESS	J. W. McCARTY PROJECT DIRECTOR
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5	
LOW	70 TO 76	42 TO 43	3.5 TO 3.9	
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4	
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0	
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0	

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING NOVEMBER 13, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	*	1	1	96	2	*
II. AUGUSTA	-	-	1	1	89	8	1
III. VIENNA	-	-	*	2	95	3	-
IV. ATLANTA -South	-----Included with Atlanta, North above -----						
AVERAGE	-	-	1	1	93	4	1



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation:	: Atlanta, Ga. :		: Augusta, Ga. :		: Vienna, Ga. :	
GRADE	Week	Season	Week	Season	Week	Season
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
WHITE:						
21 SM & ABOVE	*	1	-	*	-	*
30 MID PLUS	-	*	-	-	-	-
31 MID	1	4	*	3	-	2
40 SLM PLUS	*	*	-	*	-	*
41 SLM	10	27	5	23	4	36
50 LM PLUS	*	2	*	1	*	1
51 LM	38	17	22	15	51	26
60 SGO PLUS & LOWER	7	3	6	3	8	2
LIGHT SPOTTED:						
22 SM & ABOVE	-	*	-	*	-	*
32 MID	*	2	2	4	*	1
42 SLM	15	16	21	31	15	17
52 LM	21	17	28	14	14	12
SPOTTED:						
23 SM	-	*	-	-	-	-
33 MID	-	*	1	*	-	*
43 SLM	2	2	3	2	3	1
53 LM	2	4	8	2	4	1
TG & YS (14-54 & 15-35)	*	*	*	*	-	*
LIGHT GRAY (16-46)	-	*	-	*	-	*
GRAY (17-47)	-	*	-	*	-	-
BELOW GRADE (81-87)	4	5	4	1	1	*
GRADE INDEX 1/	83.7	86.4	82.9	87.9	84.1	88.3
GRASS 2/	9.1	9.8	17.2	12.3	.5	3.1
BARK 3/	3.4	1.6	-	*	6.5	1.4
STAPLE						
31 (31/32")	3	2	1	*	1	*
32 (1 INCH)	20	13	3	2	12	5
33 (1-1/32")	50	48	74	63	54	39
34 (1-1/16")	27	35	19	33	32	43
35 (1-3/32")	*	2	3	2	1	13
36 (1-1/8") & LONGER	-	*	-	-	-	*
AVERAGE LENGTH 4/	33.1	33.2	33.2	33.4	33.2	33.6
SAMPLES CLASSED 5/						
WEEK	6,803		3,322		3,775	
SEASON		89,573		66,330		75,795 ^{6/}

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ Vienna Office opened Sept.14,1970.Samples prior to that date classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

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GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 11
TWO WEEKS ENDING DECEMBER 2, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.								LENGTH 2.5 READING (INCHES)								LENGTH UNIFORMITY 50/2.5 RATIO						COLOR OF RAW COTTON	
		AVE., MPST	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW	
		%	%	%	%	%	%		%	%	%	%	%	%	%		%	%	%	%	%				
DISTRICT 1 ATLANTA NORTH																									
1 BARTON	68	82	3	28	46	16	7	0	1.06	3	13	22	34	19	7	1	42	43	32	22	1	1	3.9	2.9	
2 COWETA	9	79	0	56	33	11	0	0	1.08	0	0	11	44	33	11	0	42	56	33	11	0	0	3.2	2.9	
3 FLOYD	15	81	0	27	60	13	0	0	1.06	7	7	27	20	27	13	0	41	80	13	0	7	0	3.5	2.8	
4 FRANKLIN	3	77	33	67	0	0	0	0	1.07	0	0	0	67	33	0	0	46	0	0	67	33	0	4.0	3.0	
5 GORDON	15	80	20	0	60	20	0	0	1.07	0	13	13	40	27	7	0	43	33	47	7	13	0	3.0	2.7	
6 HART	8	82	13	25	25	25	13	0	1.08	0	13	0	38	38	13	0	42	25	63	13	0	0	4.5	2.5	
7 JACKSON	7	80	14	43	43	0	0	0	1.03	43	0	14	29	14	0	0	44	14	29	14	43	0	3.7	3.7	
8 MADISON	15	82	0	20	73	7	0	0	1.10	0	0	7	47	13	7	27	42	47	27	20	7	0	3.5	3.1	
9 MERIWETHER	6	77	33	33	33	0	0	0	1.09	0	0	33	0	33	33	0	44	17	17	33	33	0	4.0	3.0	
10 OGDNEE	4	80	0	50	50	0	0	0	1.02	25	25	25	25	0	0	0	40	75	25	0	0	0	4.5	2.8	
11 PIKE	5	81	20	20	20	40	0	0	1.10	0	0	0	20	40	40	0	42	60	0	20	20	0	4.4	2.4	
12 POLK	12	82	0	33	33	17	17	0	1.05	8	8	42	17	17	8	0	42	50	42	8	0	0	3.8	2.6	
13 TAYLOR	23	82	4	17	65	9	4	0	1.09	0	0	22	17	39	13	9	41	74	17	4	4	0	3.5	2.7	
14 TERRELL	23	80	0	57	35	4	4	0	1.07	4	4	13	39	35	4	0	41	57	35	9	0	0	4.0	3.3	
15 WALTON	19	83	0	16	53	32	0	0	1.08	5	0	21	32	26	16	0	42	47	21	26	0	5	4.1	2.9	
16 OTHERS	39	81	3	21	64	13	0	0	1.07	5	10	21	26	18	15	5	43	41	33	15	8	3	3.9	3.2	
SUMMARY	271	81	5	28	50	14	4	0	1.07	4	7	19	31	24	11	3	42	48	30	15	6	1	3.8	2.9	
DISTRICT 2 AUGUSTA																									
17 BULLOCK	5	80	0	40	40	20	0	0	1.04	0	40	20	40	0	0	0	41	60	20	20	0	0	5.2	3.2	
18 BURKE	24	83	0	21	46	29	4	0	1.05	13	4	38	25	13	8	0	42	42	17	25	8	8	4.1	3.1	
19 CANDLER	2	80	0	50	50	0	0	0	1.01	50	0	50	0	0	0	0	40	50	50	0	0	0	5.0	3.5	
20 EMANUEL	7	84	0	14	29	57	0	0	1.05	14	0	29	43	14	0	0	40	86	0	0	14	0	3.6	3.3	
21 JEFFERSON	9	84	0	11	33	44	11	0	1.02	44	0	11	44	0	0	0	43	56	0	11	11	22	3.6	3.3	
22 JOHNSON	12	85	8	8	25	33	17	8	1.02	25	25	17	8	17	8	0	42	58	8	25	8	0	4.3	3.0	
23 LAURENS	10	84	0	0	50	50	0	0	1.07	10	0	40	10	30	0	10	40	100	0	0	0	0	4.1	3.1	
24 MORGAN	26	84	0	12	42	38	6	0	1.02	38	31	12	4	4	8	4	42	69	15	15	0	0	4.0	4.0	
25 SCREVEN	8	84	0	13	38	38	13	0	1.06	38	0	13	0	13	25	13	41	75	13	13	0	0	3.9	3.6	
26 THOMAS	3	76	33	33	33	0	0	0	1.03	33	33	0	0	33	0	0	39	100	0	0	0	0	4.0	3.0	
27 WASHINGTON	6	83	0	33	17	50	0	0	1.04	17	33	17	17	17	0	0	41	50	17	33	0	0	3.8	3.5	
28 OTHERS	11	82	0	27	55	9	9	0	1.08	9	0	9	27	27	27	0	42	73	9	9	9	0	3.7	3.2	
SUMMARY	123	83	2	17	40	34	7	1	1.04	24	14	21	18	13	8	2	41	65	11	15	5	3	4.0	3.4	
DISTRICT 3 VIENNA																									
29 BLECKLEY	11	82	0	18	55	18	9	0	1.05	18	27	9	27	0	18	0	41	55	18	27	0	0	4.8	3.1	
30 CRISP	36	81	14	19	44	17	6	0	1.05	8	25	17	31	14	6	0	43	44	22	17	17	0	4.4	3.0	
31 DODGE	6	81	17	17	33	33	0	0	1.08	0	17	17	17	17	33	0	42	50	33	17	0	0	4.0	2.8	
32 DODLY	43	84	2	16	33	40	9	0	1.10	0	7	14	12	28	21	19	41	65	26	7	2	0	4.4	2.8	
33 MACON	10	81	10	30	40	20	0	0	1.05	0	20	40	20	10	10	0	42	50	30	10	10	0	3.5	3.0	
34 PULASKI	8	83	0	25	38	38	0	0	1.05	13	0	38	38	13	0	0	42	63	13	25	0	0	5.0	3.1	
35 SUMTER	21	80	0	38	57	5	0	0	1.03	14	24	43	10	5	5	0	41	76	5	19	0	0	3.7	3.2	
36 TURNER	3	80	0	33	67	0	0	0	1.04	0	33	33	33	0	0	0	41	100	0	0	0	0	5.3	3.3	
37 WILCOX	5	82	0	40	40	20	0	0	1.06	0	20	20	40	20	0	0	40	80	20	0	0	0	4.0	3.6	
38 OTHERS	8	80	0	50	38	0	13	0	1.06	13	0	50	13	13	13	0	42	50	25	25	0	0	4.6	3.1	
SUMMARY	151	82	5	25	42	23	5	0	1.06	7	17	24	21	15	12	5	42	60	21	15	5	0	4.3	3.0	
DISTRICT 4 ATLANTA SOUTH																									
39 BROOKS	3	76	67	0	33	0	0	0	1.02	0	33	67	0	0	0	0	39	67	33	0	0	0	6.7	3.0	
40 CALHOUN	9	82	0	22	56	22	0	0	1.08	0	22	0	22	22	33	0	40	78	22	0	0	0	4.2	2.8	
41 COLQUITT	28	79	18	43	36	4	0	0	1.05	11	14	18	29	21	7	0	41	61	25	14	0	0	4.9	3.2	
42 EARLY	9	83	0	11	44	44	0	0	1.06	11	11	22	22	33	0	0	41	78	22	0	0	0	3.8	3.0	
43 IRWIN	3	80	0	33	67	0	0	0	1.00	33	33	33	0	0	0	0	42	67	33	0	0	0	5.3	4.0	
44 MITCHELL	7	80	0	43	43	14	0	0	1.07	0	14	29	14	29	0	14	41	71	14	14	0	0	3.9	3.1	
45 SEMINOLE	2	82	0	0	100	0	0	0	1.04	0	50	0	50	0	0	0	39	100	0	0	0	0	4.5	4.0	
46 THOMAS	4	79	25	0	75	0	0	0	1.09	0	0	0	50	0	50	0	43	50	0	25	25	0	3.8	3.5	
47 TIFT	2	77	0	100	0	0	0	0	1.07	0	0	0	100	0	0	0	41	100	0	0	0	0	5.0	4.0	
48 WORTH	13	77	31	23	38	8	0	0	1.02	23	15	54	8	0	0	0	40	85	8	8	0	0	5.7	3.5	
49 OTHERS	3	77	33	33	33	0	0	0	0.98	67	33	0	0	0	0	0	43	33	67	0	0	0	4.7	4.0	
SUMMARY	83	79	16	30	43	11	0	0	1.05	12	17	23	23	16	8	1	41	70	20	8	1	0	4.7	3.3	
STATE SUMMARY		628	82	6	25	45	20	4	0	1.06	10	12	21	25	19	10	3	42	57	23	14	5	1	4.1	3.1

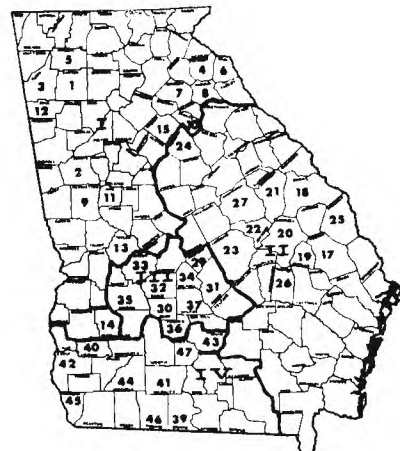
KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING NOVEMBER 27, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	-	1	1	95	3	*
II. AUGUSTA	-	-	1	2	74	21	2
III. VIENNA	-	1	7	6	85	1	*
IV. ATLANTA -South	-----Included with Atlanta, North above-----						
AVERAGE	-	-	3	3	85	8	1



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation:	: Atlanta, Ga. :		: Augusta, Ga. :		: Vienna, Ga. :	
GRADE	Week	Season	Week	Season	Week	Season
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
<u>White</u>	:	:	:	:	:	:
21 SM & above	-	1	-	*	-	*
30 MID plus	-	*	-	-	-	-
31 MID	*	4	-	3	1	2
40 SLM plus	-	*	-	*	-	*
41 SLM	9	25	8	22	3	35
50 LM plus	1	2	1	1	-	1
51 LM	44	19	20	16	51	26
60 SGO plus & lower	12	4	7	3	22	3
<u>LIGHT SPOTTED</u>	:	:	:	:	:	:
22 SM & above	-	*	-	*	-	*
32 MID	-	2	1	4	-	1
42 SLM	9	15	15	30	4	16
52 LM	14	17	29	15	12	12
<u>SPOTTED:</u>	:	:	:	:	:	:
23 SM	-	*	-	-	-	-
33 MID	-	*	-	*	-	1
43 SLM	2	2	6	2	1	1
53 LM	5	4	5	3	3	2
<u>TG & YS (14-54 & 15-35)</u>	-	*	-	*	-	*
<u>LIGHT GRAY (16-46)</u>	-	*	-	*	-	*
<u>GRAY (17-47)</u>	-	*	-	*	-	-
<u>BELOW GRADE (81-87)</u>	4	5	7	1	3	1
<u>GRADE INDEX 1/</u>	83.0	86.0	82.0	87.6	81.6	88.0
<u>GRASS 2/</u>	6.8	9.6	26.2	12.8	4.1	3.0
<u>BARK 3/</u>	5.8	1.9	-	.3	8.3	1.8
<u>STAPLE</u>	:	:	:	:	:	:
31 (31/32" & shorter)	6	2	1	*	1	*
32 (1 inch)	21	14	3	2	13	6
33 (1-1/32")	59	49	75	63	65	39
34 (1-1/16")	14	33	20	33	21	42
35 (1-3/32")	*	2	1	2	-	13
36 (1-1/8" & longer)	-	*	-	-	-	*
<u>AVERAGE LENGTH 4/</u>	32.8	33.2	33.2	33.3	33.1	33.6
<u>SAMPLES CLASSED 5/</u>	:	:	:	:	:	:
WEEK	2,986		1,499		1,450	
SEASON		99,432		69,784		79,065

*Less than one-half of one percent. 1/MID white is 100. 2/ Cotton reduced in grade due to grass.3/Cotton reduced due to bark. 4/32nd of an inch. 5/Vienna Seasonal office opened 9/14/70 and closed 11/12/70. Samples otherwise classed in Atlanta.

TIFFON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. 12
TWO WEEKS ENDING DECEMBER 16, 1970

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

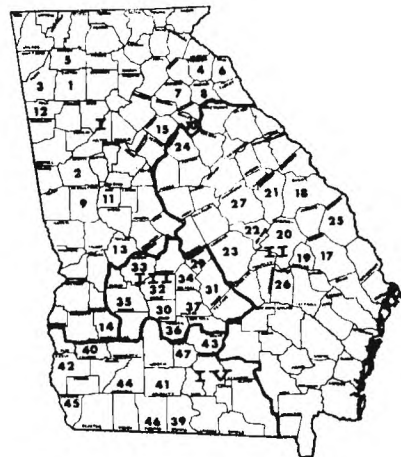
DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09-1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
		%	%	%	%	%	%	% % % % % % %							% % % % %									
DISTRICT 1 ATLANTA NORTH																								
1 BARTOW	47	81	0	28	55	15	2	0	1.05	4	15	34	32	11	4	0	44	21	32	26	19	2	3.9	2.7
2 COWETA	12	81	0	33	67	0	0	0	1.05	0	17	33	42	8	0	0	43	25	42	25	8	0	4.3	2.8
3 FLOYD	16	81	0	19	75	6	0	0	1.04	6	6	56	25	6	0	0	43	31	38	19	6	6	4.1	3.2
4 FRANKLIN	5	80	20	40	20	20	0	0	1.10	0	0	0	40	20	40	0	46	0	20	40	20	20	4.0	2.6
5 GURDON	16	83	0	13	63	19	6	0	1.05	6	6	38	25	25	0	0	44	6	25	44	19	6	3.3	2.4
6 HART	6	85	0	0	33	67	0	0	1.06	0	0	67	0	33	0	0	43	17	33	50	0	0	4.3	2.2
7 JACKSON	9	78	22	33	44	0	0	0	1.02	22	33	22	22	0	0	0	42	44	33	22	0	0	3.0	2.7
8 MADISON	15	82	7	13	40	33	7	0	1.04	0	33	33	20	13	0	0	43	33	13	27	27	0	4.1	2.9
9 MERIWETHER	4	77	25	50	25	0	0	0	1.07	0	0	25	25	50	0	0	44	25	25	25	25	0	3.8	2.5
10 OCONEE	4	82	0	0	100	0	0	0	1.02	25	0	50	25	0	0	0	42	50	50	0	0	0	4.5	3.0
11 PIKE	7	80	0	43	43	14	0	0	1.06	0	14	29	43	14	0	0	44	29	14	29	14	14	5.1	2.1
12 POLK	13	81	0	38	62	0	0	0	1.04	0	15	54	15	15	0	0	42	46	31	23	0	0	3.9	2.5
13 TAYLOR	19	81	0	37	42	21	0	0	1.06	0	5	42	26	16	5	5	43	32	21	26	16	5	3.7	2.4
14 TERRELL	9	82	0	56	11	22	11	0	1.02	33	22	33	11	0	0	0	41	67	22	11	0	0	4.9	2.7
15 WALTON	14	82	0	7	79	14	0	0	1.04	7	29	29	21	7	7	0	43	36	43	21	0	0	4.6	2.1
16 OTHERS	35	82	3	20	63	11	3	0	1.04	11	29	26	20	11	3	0	43	34	26	20	14	6	4.2	2.5
SUMMARY	231	81	3	26	55	15	2	0	1.05	6	17	35	25	13	3	0	43	30	29	25	13	3	4.0	2.6
DISTRICT 2 AUGUSTA																								
17 BULLOCK	3	76	33	67	0	0	0	0	0.99	67	33	0	0	0	0	0	43	67	0	33	0	0	6.0	3.3
18 BURKE	40	82	3	33	33	28	5	0	1.03	20	30	13	20	10	8	0	42	40	35	23	3	0	4.0	2.8
19 CANDLER	1	79	0	100	0	0	0	0	0.98	100	0	0	0	0	0	0	39	100	0	0	0	0	3.0	3.0
20 EMANUEL	9	80	11	44	33	11	0	0	0.99	78	11	11	0	0	0	0	42	33	44	22	0	0	4.2	3.0
21 JEFFERSON	15	83	0	20	33	47	0	0	1.03	20	13	40	20	7	0	0	42	40	33	20	7	0	3.9	2.9
22 JOHNSON	15	82	7	13	60	13	7	0	1.02	33	27	20	20	0	0	0	42	53	20	20	7	0	3.9	2.7
23 LAURENS	21	82	5	19	38	38	0	0	1.04	29	5	24	19	10	14	0	43	14	43	43	0	0	4.1	3.1
24 MORGAN	7	85	0	0	57	29	14	0	1.04	29	29	14	0	0	29	0	43	29	14	57	0	0	4.4	3.3
25 SCREVEN	15	80	7	40	40	13	0	0	1.02	47	13	20	7	7	0	7	43	40	13	33	13	0	3.9	2.7
26 TOOMBS	5	83	0	20	40	40	0	0	1.01	40	20	20	20	0	0	0	42	40	40	20	0	0	4.2	2.2
27 WASHINGTON	13	81	8	31	46	8	8	0	1.02	31	8	46	8	8	0	0	43	23	62	15	0	0	4.2	2.5
28 OTHERS	26	83	0	19	54	23	4	0	1.04	19	31	23	4	15	8	0	43	38	35	27	0	0	4.3	2.8
SUMMARY	170	82	4	26	41	25	4	0	1.03	31	21	22	13	8	6	1	43	36	34	27	3	0	4.1	2.8
DISTRICT 3 VIENNA																								
29 BLECKLEY	4	80	0	25	75	0	0	0	1.05	25	0	0	25	25	25	0	41	75	25	0	0	0	5.0	2.8
30 CRISP	29	82	3	21	52	21	3	0	1.06	7	21	17	28	24	3	0	43	41	24	24	3	7	4.0	2.3
31 DODGE	1	85	0	0	0	100	0	0	1.05	0	0	100	0	0	0	0	43	0	100	0	0	0	3.0	3.0
32 DOOLY	43	85	0	19	21	35	26	0	1.09	2	9	12	19	19	21	19	41	65	14	14	5	2	4.2	2.4
33 MACON	10	82	0	40	30	20	10	0	1.04	20	0	20	40	20	0	0	42	80	0	10	10	0	3.3	2.4
34 PULASKI	4	84	0	0	50	50	0	0	1.03	0	50	50	0	0	0	0	44	25	25	25	25	0	4.5	2.8
35 SUMTER	13	78	15	62	23	0	0	0	1.06	0	23	23	23	31	0	0	41	85	15	0	0	0	4.6	2.7
36 TURNER	1	71	100	0	0	0	0	0	0.96	100	0	0	0	0	0	0	35	100	0	0	0	0	7.0	2.0
37 WILCOX	3	82	0	33	67	0	0	0	1.04	0	33	33	33	0	0	0	41	100	0	0	0	0	4.0	2.3
38 OTHERS	4	80	0	50	50	0	0	0	1.05	0	25	25	25	25	0	0	42	75	25	0	0	0	4.3	2.3
SUMMARY	112	83	4	27	35	23	12	0	1.07	6	15	18	23	21	10	7	42	63	17	13	4	3	4.2	2.4
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	1	91	0	0	0	0	100	0	1.02	0	0	100	0	0	0	0	40	100	0	0	0	0	3.0	4.0
40 CALHOUN	12	82	0	8	75	17	0	0	1.09	0	8	8	17	42	25	0	43	17	33	50	0	0	5.2	2.3
41 COLQUITT	14	82	0	29	50	14	7	0	1.04	7	21	21	36	14	0	0	42	50	21	21	7	0	5.2	3.1
42 EARLY	6	85	0	17	33	33	17	0	1.06	17	0	33	33	0	17	0	42	50	33	0	17	0	4.2	2.8
43 IRWIN	2	81	0	50	50	0	0	0	0.95	100	0	0	0	0	0	0	43	50	0	50	0	0	5.5	2.5
44 MITCHELL	5	81	0	60	20	20	0	0	1.03	20	40	0	40	0	0	0	41	60	20	20	0	0	4.4	2.4
45 SEMINOLE	5	80	0	60	20	20	0	0	1.05	20	0	20	40	20	0	0	42	60	40	0	0	0	4.2	2.2
46 THOMAS	1	77	0	100	0	0	0	0	1.05	0	0	100	0	0	0	0	41	100	0	0	0	0	6.0	2.0
47 TIFT	2	82	0	0	100	0	0	0	1.00	50	0	50	0	0	0	0	42	50	50	0	0	0	5.5	2.5
48 WORTH	7	79	14	43	43	0	0	0	1.00	43	43	14	0	0	0	0	41	86	0	14	0	0	5.1	2.9
49 OTHERS	1	80	0	0	100	0	0	0	1.04	0	0	100	0	0	0	0	42	0	100	0	0	0	4.0	2.0
SUMMARY	56	82	2	30	48	14	5	0	1.05	18	16	21	23	14	7	0	42	50	25	21	4	0	4.9	2.7
STATE SUMMARY	569	82	3	27	46	19	5	0	1.04	15	18	27	21	13	6	2	43	40	28	23	7	2	4.2	2.6

KEY TO TEST RESULTS

DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

COTTON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING DECEMBER 11, 1970

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND	THRU	THRU	THRU	THRU	THRU	AND
	BELOW	2.9	3.2	3.4	4.9	5.2	ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	1	2	3	93	1	*
II. AUGUSTA	-	-	*	1	90	8	1
III. VIENNA	-	1	10	14	72	3	-
IV. ATLANTA -South	-----Included with Atlanta, North above-----						
AVERAGE	-	*	4	6	86	4	*



QUALITY OF COTTON CLASSED UNDER SMITH-DOXEY ACT, STATE OF GEORGIA

Quality Designation: : Atlanta, Ga. : Augusta, Ga. : Vienna, Ga.

GRADE	Week Pct.	Season Pct.	Week Pct.	Season Pct.	Week Pct.	Season Pct.
<u>WHITE:</u>						
21 SM & ABOVE	: *	1	: -	*	: -	*
30 MID PLUS	: -	*	: -	-	: -	-
31 MID	: -	3	: -	3	: -	2
40 SLM PLUS	: -	*	: -	*	: -	*
41 SLM	: 6	23	: 8	21	: 8	34
50 LM PLUS	: *	2	: *	1	: -	1
51 LM	: 31	21	: 28	16	: 30	27
60 SGO PLUS & LOWER	: 8	4	: 9	3	: 22	3
<u>LIGHT SPOTTED:</u>						
22 SM & ABOVE	: -	*	: -	*	: -	*
32 MID	: 1	1	: 1	4	: 1	1
42 SLM	: 16	15	: 23	29	: 11	16
52 LM	: 23	18	: 17	15	: 20	12
<u>SPOTTED:</u>						
23 SM	: -	*	: -	-	: -	-
33 MID	: *	*	: 1	*	: -	*
43 SLM	: 5	2	: 1	2	: 3	1
53 LM	: 4	4	: 4	3	: 1	2
<u>TG & YS (14-54 & 15-35)</u>	: -	*	: *	*	: -	*
<u>LIGHT GRAY (16-46)</u>	: *	*	: *	*	: -	*
<u>GRAY (17-47)</u>	: -	*	: -	*	: -	-
<u>BELOW GRADE (81-87)</u>	: 5	5	: 7	2	: 4	1
GRADE INDEX 1/	: 82.7	85.7	: 83.1	87.3	: 82.1	87.9
GRASS 2/	: 7.2	9.3	: 21.9	13.6	: 6.8	3.2
BARK 3/	: 7.7	2.4	: 0.4	0.3	: 10.8	2.0
STAPLE						
31 (31/32") & SHORTER	: 16	3	: 4	*	: 22	1
32 (1 INCH)	: 29	16	: 10	2	: 29	7
33 (1-1/32")	: 47	48	: 73	64	: 41	39
34 (1-1/16")	: 7	31	: 13	32	: 8	41
35 (1-3/32")	: 1	2	: *	2	: -	12
36 (1-1/8") & LONGER	: -	*	: -	-	: -	*
AVERAGE LENGTH 4/	: 32.4	33.1	: 33.0	33.3	: 32.3	33.6
SAMPLES CLASSED 5/						
WEEK	: 5,825		: 2,221		: 1,760	
SEASON	: 110,085		: 73,891		: 81,745	

*Less than one-half of one percent. 1/ MID white is 100. 2/Cotton reduced due to grass. 3/Cotton recuded due to bark. 4/ 32nd of an inch. 5/Vienna Seasonal office opened 9/14/70 and closed 11/12/70. Samples otherwise classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Poland
Extension Agronomist-Cotton

Cooperative Extension Work in Agriculture and Home Economics, State of Georgia.
The University of Georgia College of Agriculture and the U. S. Department of
Agriculture Cooperating. Distributed in furtherance of the purposes provided for
by the Act of Congress of May 8 and June 30, 1914.

GEORGIA WEEKLY COTTON QUALITY REPORT

PREPARED FOR THE
AGRICULTURAL COMMODITY COMMISSION FOR COTTON, STATE OF GEORGIA
by the
FIBER EVALUATION LABORATORY, A. FRENCH TEXTILE SCHOOL
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

REPORT NO. SUMMARY
WEEK ENDING 1970 SEASON

COOPERATING AGENCIES: COOPERATIVE EXTENSION SERVICE, COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA;
USDA, CONSUMER AND MARKETING SERVICE, COTTON DIVISION, ATLANTA, GEORGIA; AGRICULTURAL COMMODITY COMMISSION FOR
COTTON, STATE OF GEORGIA, ATHENS, GEORGIA; AND, A. FRENCH TEXTILE SCHOOL, GEORGIA INSTITUTE OF TECHNOLOGY,
ATLANTA, GEORGIA.

DISTRICT AND COUNTY	NO. TESTED	PRESSLEY STRENGTH (0 GAUGE) 1,000 LB. PER SQ. IN.							LENGTH 2.5 READING (INCHES)							LENGTH UNIFORMITY 50/2.5 RATIO					COLOR OF RAW COTTON			
		AVE., MPSI	UP TO 74	75-79	80-84	85-89	90-94	95 & UP	AVE., IN.	UP TO 1.00	1.00-1.02	1.03-1.05	1.06-1.08	1.09 - 1.11	1.12-1.14	1.15 & UP	AVE.	UP TO 42	42-43	44-45	46-47	48 & UP	GRAY	YELLOW
		%	%	%	%	%	%	% % % % % % %							% % % % %									
DISTRICT 1 ATLANTA NORTH																								
1 BARTOW	364	83	2	18	41	29	8	2	1.06	4	11	22	31	24	7	1	44	21	27	35	15	2	3.3	3.2
2 COWETA	45	81	2	33	44	18	2	0	1.07	0	7	22	44	20	4	2	43	24	29	33	7	7	3.6	3.2
3 FLOYD	80	82	1	18	61	18	1	1	1.06	6	5	38	25	23	4	0	42	48	25	15	8	5	3.5	3.2
4 FRANKLIN	20	83	10	30	20	20	20	0	1.10	0	0	0	30	35	30	5	46	0	10	35	35	20	2.7	3.1
5 GORDON	76	82	4	14	53	22	7	0	1.07	4	11	21	29	29	7	0	44	13	36	28	18	5	3.0	2.9
6 HART	47	87	2	9	17	36	26	11	1.08	2	4	19	17	36	19	2	43	26	26	32	15	2	3.1	3.3
7 JACKSON	34	80	12	24	47	18	0	0	1.04	21	15	24	26	15	0	0	44	24	24	32	12	9	3.0	3.4
8 MADISON	102	85	2	11	35	35	15	2	1.08	1	7	20	26	21	12	14	44	28	22	29	18	3	3.3	3.5
9 MERIWETHER	32	80	13	28	41	19	0	0	1.07	3	6	28	25	28	9	0	44	9	28	44	19	0	2.9	3.4
10 OCONEE	90	85	0	11	27	47	14	1	1.06	4	7	28	37	24	0	0	44	23	21	33	16	7	3.0	3.6
11 PIKE	61	82	7	21	41	26	5	0	1.08	0	5	20	26	30	16	3	45	15	11	34	28	11	3.5	3.2
12 POLK	77	83	1	21	43	22	12	1	1.06	3	14	26	27	21	6	3	43	40	30	25	4	1	3.4	3.2
13 TAYLOR	230	82	3	26	46	19	5	1	1.08	3	5	17	24	32	14	5	43	37	24	22	13	5	3.3	3.4
14 TERRELL	244	81	5	31	41	16	6	0	1.06	8	12	27	30	15	7	1	43	38	25	26	8	3	4.1	3.6
15 WALTON	193	84	1	12	46	33	8	1	1.06	5	7	26	33	19	10	1	43	35	24	29	9	3	3.1	3.4
16 OTHERS	345	83	3	16	48	26	7	1	1.06	8	11	21	26	20	12	3	44	28	23	30	15	4	2.9	3.3
SUMMARY	2040	83	3	19	43	26	8	1	1.07	5	9	23	29	23	9	3	43	29	25	29	13	4	3.3	3.3
DISTRICT 2 AUGUSTA																								
17 BULLOCK	144	85	1	10	33	34	16	6	1.03	21	17	29	19	10	3	0	43	31	24	25	13	6	4.2	3.8
18 BURKE	443	85	2	14	31	37	13	3	1.05	8	17	27	28	14	5	1	43	34	30	21	11	3	3.6	3.5
19 CANDLER	52	85	0	8	37	40	10	6	1.04	17	6	33	33	10	2	0	42	54	21	23	2	0	4.1	3.8
20 EMANUEL	114	84	2	13	41	32	9	3	1.03	23	23	24	21	7	3	0	42	43	18	27	8	4	3.8	3.6
21 JEFFERSON	276	85	1	10	33	37	15	4	1.04	17	15	28	26	11	3	0	43	32	21	29	13	4	3.4	3.6
22 JOHNSON	182	86	1	8	33	37	16	4	1.03	21	19	27	23	8	2	0	43	41	22	28	6	3	3.6	3.8
23 LAURENS	231	85	0	10	37	40	11	2	1.04	17	17	26	24	12	3	0	43	24	27	34	11	4	3.9	3.8
24 MORGAN	246	86	0	7	30	40	21	2	1.04	28	19	20	13	9	8	4	43	36	24	29	9	2	3.1	3.8
25 SCREVEN	122	85	3	12	30	35	16	2	1.05	11	16	24	27	13	7	2	43	35	20	28	15	2	3.9	3.6
26 TOOMBS	68	84	3	12	34	35	13	3	1.04	16	21	25	31	4	1	0	42	50	24	13	13	0	4.1	3.6
27 WASHINGTON	160	86	1	9	34	30	22	4	1.04	16	19	28	26	9	1	1	43	40	26	24	6	4	3.5	3.8
28 OTHERS	336	85	1	12	36	35	15	1	1.05	11	18	29	22	13	5	2	43	37	29	23	8	4	3.6	3.6
SUMMARY	2374	85	1	11	34	36	15	3	1.04	16	18	26	24	11	4	1	43	35	25	26	10	3	3.6	3.7
DISTRICT 3 VIENNA																								
29 BLECKLEY	177	84	1	15	40	35	7	2	1.06	6	14	25	29	13	10	3	43	33	34	26	6	1	3.6	3.3
30 CRISP	374	83	4	21	41	27	5	1	1.07	6	12	19	29	19	12	3	43	25	28	32	12	3	3.9	3.4
31 DODGE	146	83	5	18	42	30	5	0	1.07	4	8	23	26	21	11	8	43	24	31	26	16	3	3.4	3.5
32 DOOLY	814	85	2	12	34	36	14	2	1.10	0	2	6	19	29	27	16	43	34	25	30	10	2	3.5	3.3
33 MACON	101	82	2	28	39	25	6	1	1.06	4	14	23	32	20	7	1	43	38	30	27	5	1	3.1	3.4
34 PULASKI	244	84	2	16	40	32	9	1	1.08	3	11	17	25	27	12	5	43	27	27	30	12	3	3.0	3.3
35 SUMTER	212	82	3	31	42	19	4	1	1.06	8	14	23	25	20	8	1	43	41	31	20	7	1	3.5	3.5
36 TURNER	97	82	3	23	44	27	3	0	1.03	18	19	31	23	10	0	0	43	37	32	24	6	1	4.8	3.9
37 WILCOX	89	84	0	15	42	35	9	0	1.04	13	20	25	26	12	3	0	42	46	27	19	7	1	4.1	3.6
38 OTHERS	139	82	3	23	46	20	8	0	1.06	5	11	23	29	22	9	1	43	28	25	33	13	1	4.4	3.6
SUMMARY	2393	83	2	18	39	31	9	1	1.08	5	9	17	24	22	15	7	43	32	28	28	10	2	3.6	3.4
DISTRICT 4 ATLANTA SOUTH																								
39 BROOKS	19	80	26	21	26	21	5	0	1.05	0	32	37	16	5	5	5	41	53	21	21	5	0	5.8	3.7
40 CALHOUN	184	84	2	12	42	34	9	1	1.09	2	4	10	23	28	27	8	42	43	32	18	7	1	3.8	3.3
41 COLQUITT	442	80	12	31	39	16	2	0	1.04	11	19	28	25	13	4	1	42	45	24	22	7	2	4.8	3.7
42 EARLY	150	84	3	12	35	46	4	1	1.05	19	13	17	21	18	9	3	43	38	22	27	11	2	4.0	3.7
43 IRWIN	64	83	2	19	42	30	8	0	1.03	20	25	25	22	5	3	0	43	30	36	22	9	3	4.6	3.9
44 MITCHELL	88	81	5	31	41	20	3	0	1.04	18	16	27	18	15	3	2	42	59	22	14	5	1	4.6	3.9
45 SEMINOLE	53	84	2	19	26	43	8	2	1.05	9	19	21	32	15	4	0	42	57	25	9	8	2	3.9	4.1
46 THOMAS	73	81	3	40	42	12	3	0	1.08	0	0	26	29	33	12	0	43	29	23	32	14	3	4.7	3.6
47 TIFT	124	81	6	25	56	10	2	0	1.05	9	13	35	30	10	3	0	43	40	30	21	8	2	5.1	4.0
48 WORTH	142	81	10	22	49	15	4	0	1.04	15	15	30	25	12	2	0	42	46	20	28	5	1	5.0	3.8
49 OTHERS	52	82	6	17	48	23	6	0	1.03	17	21	37	23	2	0	0	42	38	37	17	6	2	3.8	4.0
SUMMARY	1391	82	7	24	42	23	8	0	1.05	11	15	25	24	15	7	2	42	43	26	22	7	2	4.6	3.7
STATE SUMMARY	8198	84	3	17	39	30	10	2	1.06	9	12	22	25	18	9	3	43	34	26	27	10	3	3.7	3.5

KEY TO TEST RESULTS

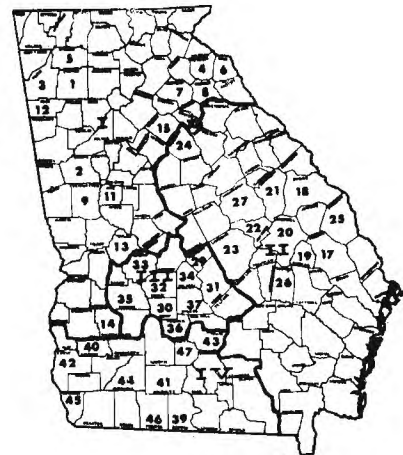
DESCRIPTION	PRESSLEY STRENGTH	LENGTH UNIFORMITY	FINENESS
VERY LOW	BELOW 70	BELOW 42	BELOW 3.5
LOW	70 TO 76	42 TO 43	3.5 TO 3.9
AVERAGE	77 TO 83	44 TO 45	4.0 TO 4.4
HIGH	84 TO 90	46 TO 47	4.5 TO 5.0
VERY HIGH	ABOVE 90	ABOVE 47	ABOVE 5.0

J. W. McCARTY
PROJECT DIRECTOR

20

COMMON CLASSED UNDER SMITH-DOXEY ACT IN STATE OF
GEORGIA AS REPORTED BY ATLANTA DISTRICT OFFICE OF USDA-C&MS
WEEK ENDING 1970 Season

GEORGIA CLASSING OFFICE TERRITORY	FINENESS (MIKE)						
	2.6	2.7	3.0	3.3	3.5	5.0	5.3
	AND BELOW	THRU 2.9	THRU 3.2	THRU 3.4	THRU 4.9	THRU 5.2	AND ABOVE
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
I. ATLANTA -North	-	*	*	*	90	7	2
II. AUGUSTA	-	*	*	1	83	14	2
III. VIENNA	-	*	1	1	94	4	*
IV. ATLANTA -South	-----Included in Atlanta, North above-----						
AVERAGE	-	*	1	1	89	8	1



Quality Designation: Atlanta, Ga. : Augusta, Ga. : Vienna, Ga. :

GRADE : 1969 1970 : 1969 1970 : 1969 1970 :
: Pct. Pct. : Pct. Pct. : Pct. Pct. :

WHITE

21 SM & Above	:	*	1	:	*	*	:	*	-	:
30 MID PLUS	:	*	*	:	*	-	:	-	-	:
31 MID	:	5	3	:	4	3	:	3	2	:
40 SLM PLUS	:	*	*	:	*	*	:	*	1	:
41 SLM	:	26	22	:	18	20	:	19	32	:
50 LM PLUS	:	1	1	:	1	1	:	1	1	:
51 LM	:	18	21	:	16	17	:	14	27	:
60 SGO PLUS & LOWER	:	3	5	:	3	4	:	1	4	:

LIGHT SPOTTED

22 SM AND ABOVE	:	*	*	:	*	*	:	*	*	:
32 MID	:	1	2	:	1	4	:	*	1	:
42 SLM	:	15	15	:	25	28	:	28	16	:
52 LM	:	15	18	:	17	16	:	18	13	:

SPOTTED

23 SM	:	*	*	:	*	-	:	*	-	:
33 MID	:	*	*	:	*	*	:	*	*	:
43 SLM	:	4	2	:	4	2	:	5	1	:
53 LM	:	7	4	:	4	3	:	7	2	:

TG&YS(14-54 & 15-35): * * : * * : * * : *

LIGHT GRAY(16-46) : * : * : * : * : *

GRAY (17-47) : * : * : - : * : -

BELOW GRADE(81-87) : 3 5 : 2 2 : 1 1

GRADE INDEX 1/ : 86.5 85.6 : 86.3 87.1 : 85.7 87.7

GRASS 2/ : 10.3 9.1 : 13.0 14.3 : 6.5 3.4

BARK 3/ : 0.5 2.6 : 1.5 0.3 : 0.3 2.2

STAPLE

31 (31/32" & shorter:	:	2	3	:	*	*	:	*	*	:
32 (1 inch)	:	10	17	:	3	3	:	5	7	:
33 (1 - 1/32")	:	41	48	:	44	64	:	34	40	:
34 (1 - 1/16")	:	39	30	:	49	31	:	53	40	:
35 (1 - 3/32")	:	7	2	:	4	2	:	7	12	:
36 (1 - 1/8" & Longer:	:	*	*	:	*	*	:	*	*	:

AVERAGE LENGTH 4/ : 33.1 33.1 : 33.5 33.3 : 33.3 33.6

SAMPLES CLASSED 5/ :

1969 SEASON : 103,386 : 76,533 : 78,579

1970 SEASON : 114,882 : 76,615 : 83,485

*Less than one-half of one percent. 1/ Middling White is 100. 2/ Cotton reduced in grade due to grass. 3/ Cotton reduced in grade due to bark. 4/ 32nd of an inch. 5/ The Vienna Seasonal Office opened September 14, 1970 and closed November 12, 1970. Samples classed exclusive of these dates are included in season's totals but were actually classed in Atlanta.

TIFTON, GEORGIA

The above report is provided for your information.

Charles Roland
Extension Agronomist-Cotton

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